January 2022 | Initial Study

STARLITE RESIDENTIAL DEVELOPMENT

City of South El Monte

Prepared for:

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PLACEWORKS

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Abbreviations and Acronyms

AAQS	ambient air quality standards
AB	Assembly Bill
ACM	asbestos-containing materials
ADT	average daily traffic
amsl	above mean sea level
AQMP	air quality management plan
AST	aboveground storage tank
BAU	business as usual
bgs	below ground surface
BMP	best management practices
CAA	Clean Air Act
CAFE	corporate average fuel economy
CalARP	California Accidental Release Prevention Program
CalEMA	California Emergency Management Agency
Cal/EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards Code
Cal/OSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources, Recycling, and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDE	California Department of Education
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
cfs	cubic feet per second
CGS	California Geologic Survey
CMP	congestion management program
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level

Abbreviations and Acronyms

CO	carbon monoxide
CO_2e	carbon dioxide equivalent
Corps	US Army Corps of Engineers
CSO	combined sewer overflows
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel
DPM	diesel particulate matter
DTSC	Department of Toxic Substances Control
EIR	environmental impact report
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GHG	greenhouse gases
GWP	global warming potential
HCM	Highway Capacity Manual
HQTA	high quality transit area
HVAC	heating, ventilating, and air conditioning system
IPCC	Intergovernmental Panel on Climate Change
L_{dn}	day-night noise level
L_{eq}	equivalent continuous noise level
LBP	lead-based paint
LCFS	low-carbon fuel standard
LOS	level of service
LST	localized significance thresholds
M_W	moment magnitude
MCL	maximum contaminant level
MEP	maximum extent practicable
mgd	million gallons per day
MMT	million metric tons

Abbreviations and Acronyms

MPO	metropolitan planning organization
MT	metric ton
MWD	Metropolitan Water District of Southern California
NAHC	Native American Heritage Commission
NO_X	nitrogen oxides
NPDES	National Pollution Discharge Elimination System
O_3	ozone
OES	California Office of Emergency Services
PM	particulate matter
POTW	publicly owned treatment works
ppm	parts per million
PPV	peak particle velocity
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RMP	risk management plan
RMS	root mean square
RPS	renewable portfolio standard
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SIP	state implementation plan
SLM	sound level meter
SoCAB	South Coast Air Basin
SO_X	sulfur oxides
SQMP	stormwater quality management plan
SRA	source receptor area [or state responsibility area]
SUSMP	standard urban stormwater mitigation plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
TNM	transportation noise model

Abbreviations and Acronyms

tpd	tons per day
TRI	toxic release inventory
TTCP	traditional tribal cultural places
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UWMP	urban water management plan
V/C	volume-to-capacity ratio
VdB	velocity decibels
VHFHSZ	very high fire hazard severity zone
VMT	vehicle miles traveled
VOC	volatile organic compound
WQMP	water quality management plan
WSA	water supply assessment

1. Introduction

The proposed Starlite Residential Development project (proposed project) would result in the redevelopment of the 12.3-acre former Starlite Drive-in Theater site for residential uses with 207 dwelling units. The City of South El Monte, as lead agency, is responsible for preparing environmental documentation in accordance with the California Environmental Quality Act (CEQA) to determine if approval of the discretionary actions requested and subsequent development would have a significant impact on the environment. As defined by Section 15063 of the CEQA Guidelines, an Initial Study is prepared primarily to provide the leady agency with information to use as the basis for determining whether an environmental impact report (EIR), Negative Declaration (ND), or Mitigated Negative Declaration (MND) would be appropriate for providing the necessary environmental documentation and clearance for the proposed project. This Initial Study has been prepared to support the adoption of an MND.

1.1 PROJECT LOCATION

The 12.3-acre project site is in the City of South El Monte at the former Starlite Drive-in Theater site at 2540 Rosemead Boulevard. Figure 1, *Regional Location,* and Figure 2, *Local Vicinity,* show the location of the site within the regional and local contexts of Los Angeles County and the City of South El Monte, respectively. The City is in the central portion of Los Angeles County and is bordered by the cities of El Monte to the north and east, Rosemead to the west, and Whittier Narrows Natural Area to the south.

The project site is accessed off Rosemead Boulevard (State Route 164 [SR-164]), which runs north-south, and is one mile south of Interstate 10 (I-10), which runs east-west.

1.2 ENVIRONMENTAL SETTING

1.2.1 Existing Land Use

As shown in Figure 3, *Aerial Photograph,* the project site is paved and vacant except for a single-family residence at the northeast corner of the site. The drive-in's snack shop building and accessory building, convenience store, and a maintenance building in the southeast corner of the site were demolished in March 2021. Prior to COVID-19, the site was used on weekends as a swap meet.

1.2.2 Surrounding Land Use

As labeled on Figure 3, *Aerial Photograph,* the site is surrounded by commercial and industrial uses to the east, south, and west, including auto spray booths, delivery truck operations, and welding operations. Multifamily residential units border the site to the north. Lot 2, which is approximately 1.2 acres, as shown in Figure 3, *Aerial Photograph,* to the west of the site, along Rosemead Boulevard, would be parceled off and remain with the current landowner.

1.3 PROJECT DESCRIPTION

1.3.1 Proposed Land Use

Figure 4, *Conceptual Site Plan,* shows the proposed project layout on the 12.3-acre site, including landscaping on-site. An additional entry would be created off of Chico Avenue at the eastern portion of the site (see Figure 5, *Circulation Plan*). The proposed project would include a traffic signal at the intersection of Rosemead Boulevard and the project entrance. The proposed project would include 207 dwelling units (169 single-family homes and 38 multifamily units); up to 10.0 percent of these units are proposed to be affordable to moderate income households. Table 1, *Starlite Residential Land Use Statistics,* provides a summary of the units by type and square footage. The proposed project would also include 9,000 square feet of recreational facilities (pool, pool deck, and recreation building). Figures 6a through 6f, *Building Elevations,* show the elevations of the proposed townhome and single-family structures, which would be three stories and vary in exterior façade, including sand stucco siding; brown, white, and blue trim; and terra cotta roofing. The maximum building height would be 35 feet and 8 inches. The proposed project would also include the demolition of the single-family home in the northeast corner of the site. A Specific Plan was developed for the proposed project and includes design guidelines to provide the framework for high quality design (see Appendix A).

Table 1 Starlite Residential Land Use Statistics

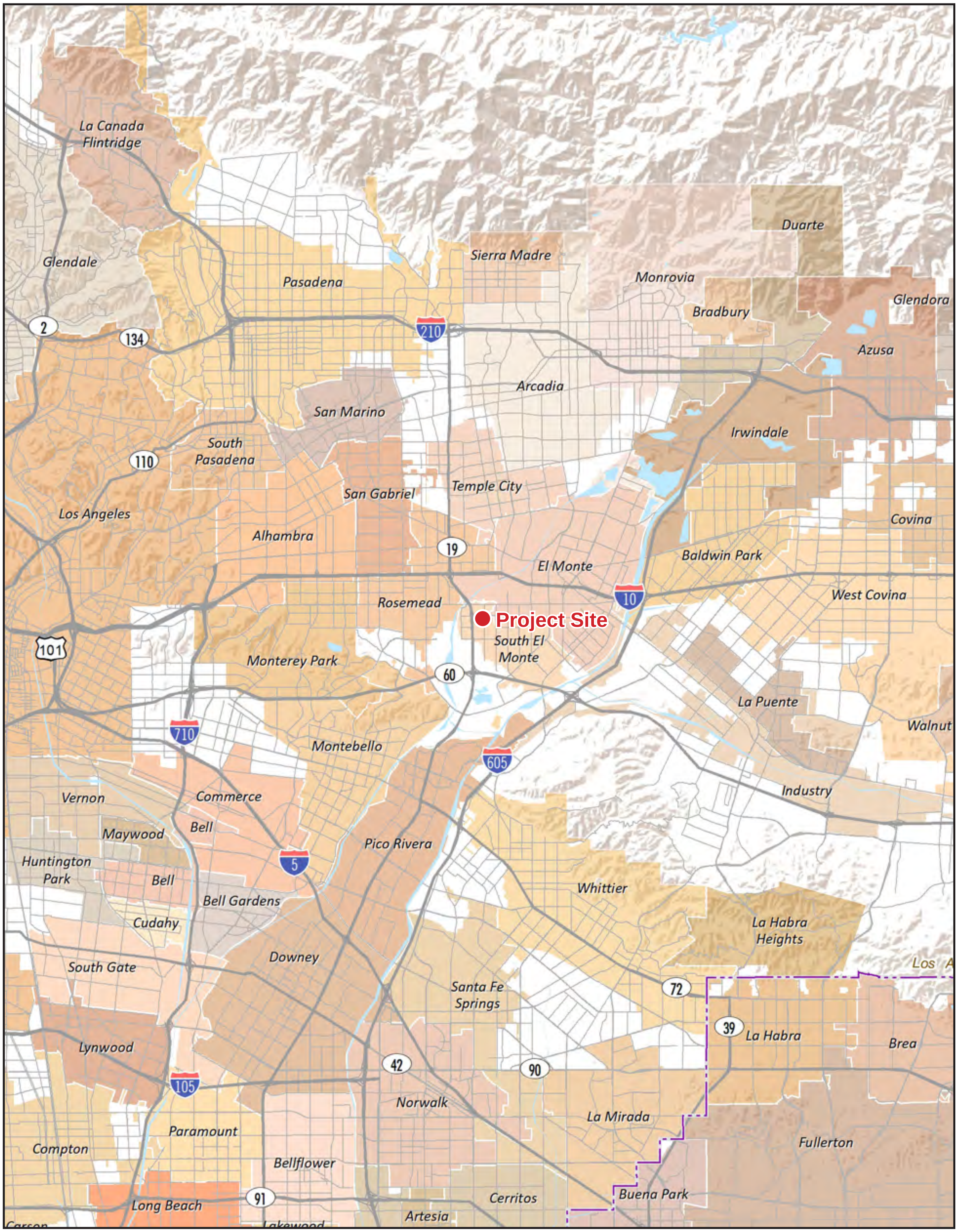
Unit Name/Type	# of Bedrooms	Square Feet/Unit	Number	Total Square Feet
TH 1	2	1,340	8	10,720
TH 2	2	1,344	8	10,752
TH 3	3	1,782	18	32,076
TH 4	3	2,138	4	8,552
SFD 1	3	1,915	41	78,515
SFD 2	3	2,018	47	94,846
SFD 3	3	2,089	59	123,251
SFD 3-ALT	3	2,100	8	16,800
SFD 4	4	2,328	14	32,592
		Total	207 units	408,104

Notes:
TH = Townhome
SFD = Single-Family Dwelling

1.3.2 Landscaping

As shown in Figure 7, *Conceptual Open Space Landscape Plan*, the proposed project's landscape plan would feature trees along both sides of the driveway off Rosemead Boulevard and along both sides of the internal drive aisle that loops around the residential units in the center of the site. Additionally, trees would be planted along the central sidewalk, at the Chico Avenue entryway, at the pool area in the southeast corner of the site, and along the eastern and southern boundaries of the site. Shrubs would line all sidewalks on the site, and an open play lawn area would be to the south and north of the proposed pool. The proposed project would provide 140,080 square feet of landscaped areas.

Figure 1 - Regional Location



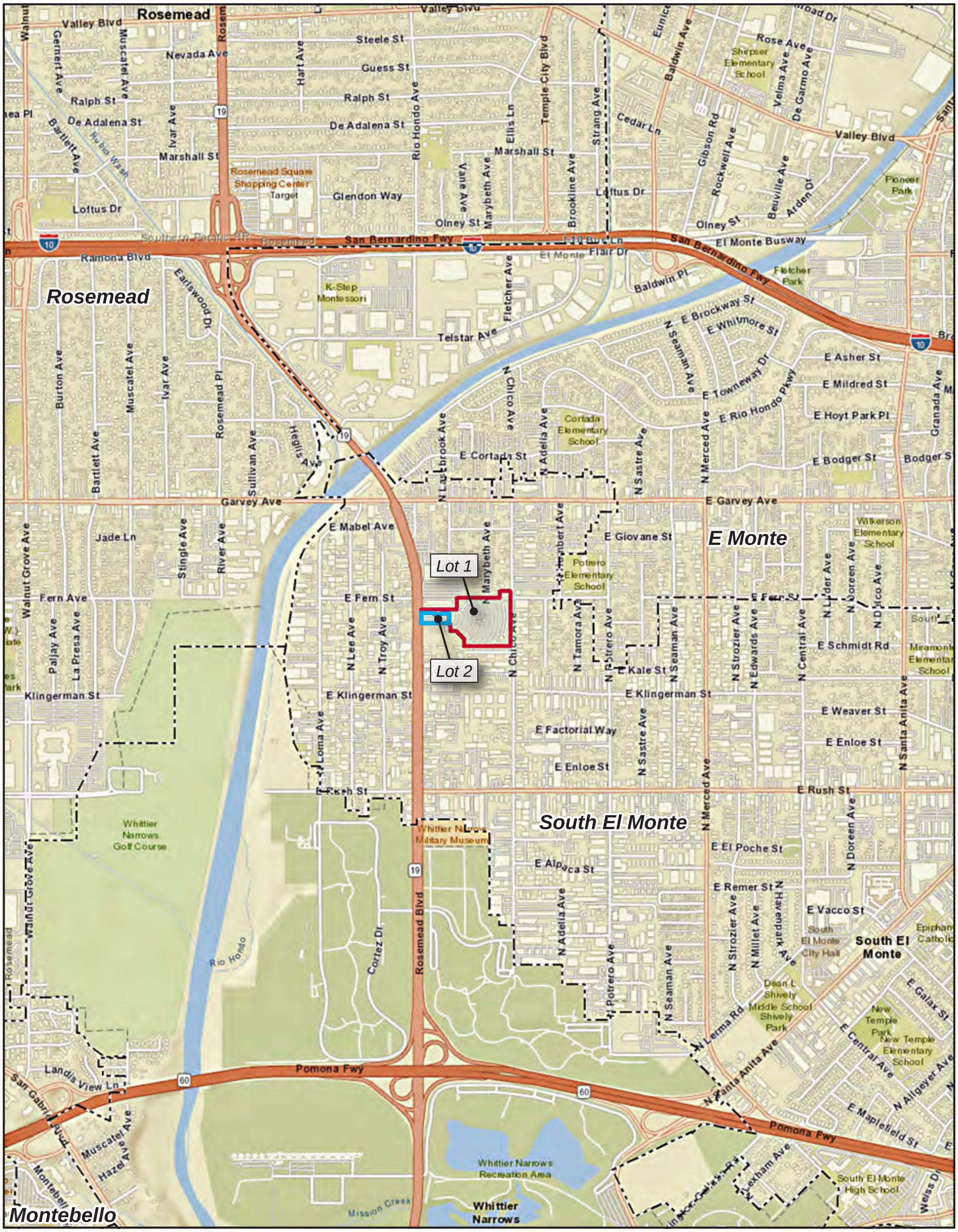
Note: Unincorporated county areas are shown in white.
Source: ESRI, 2021

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Scale (Miles)

1. Introduction

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Figure 2 - Local Vicinity



Project Boundary
Lot 2 (not part of this development/entitlement)
City Boundary
0 2,000
Scale (Feet)

Source: ESRI, 2021

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Figure 3 - Aerial Photograph



Source: Nearmap, 2021

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Figure 4 - Conceptual Site Plan

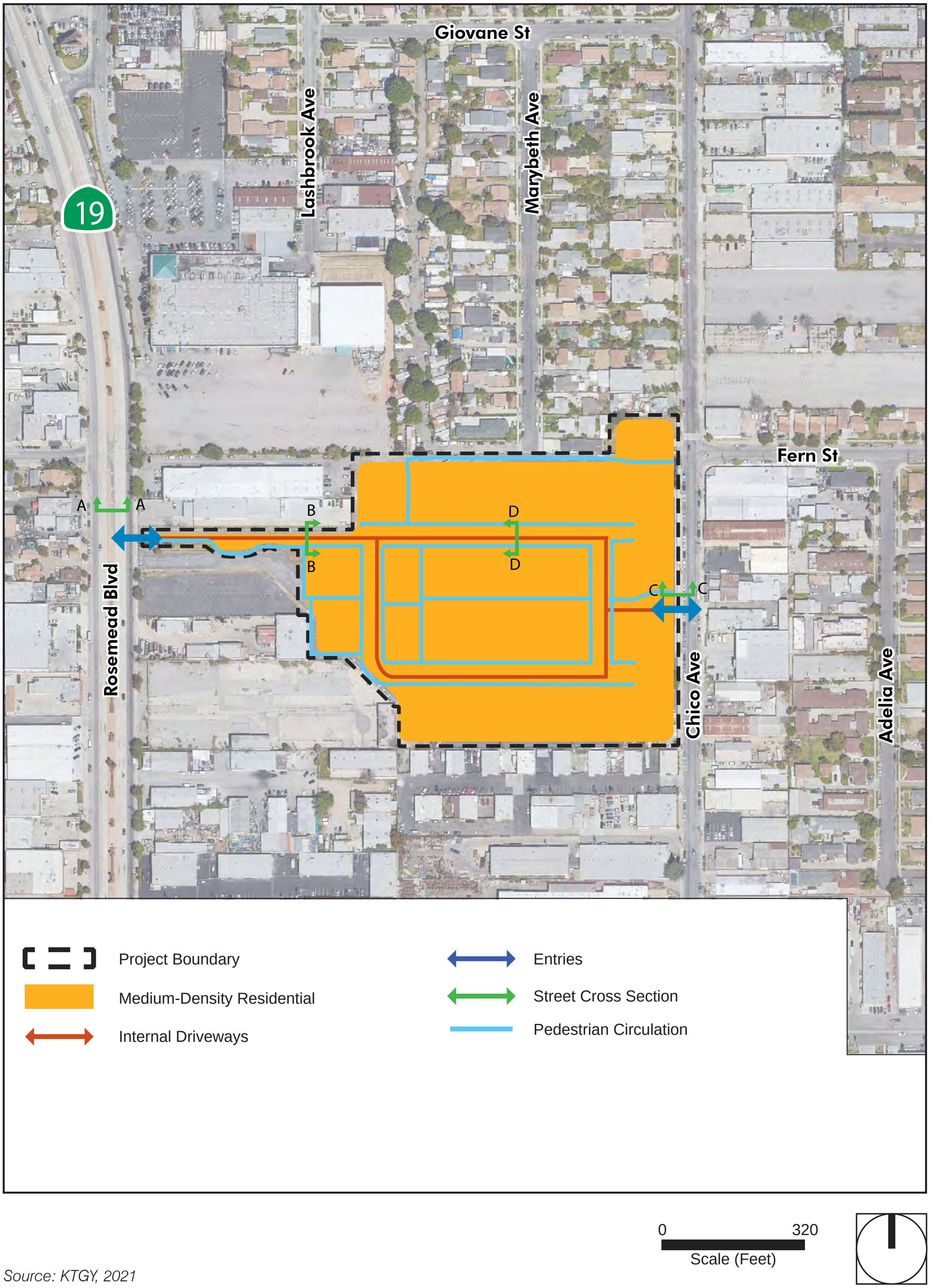


Source: FORMA Engineering, Inc, 2021

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Figure 5 - Circulation Plan



Source: KTGY, 2021

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Figure 6a - Building Elevations



Townhomes
5-Plex “A” Spanish

Source: KB Home, 2021

1. Introduction

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Figure 6b - Building Elevations



Single Family
Plan 1 - 321.1915 “B” Craftsman

Source: KB Home, 2021

1. Introduction

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Figure 6c - Building Elevations



Left Elevation



Front Elevation



Right Elevation



Rear Elevation

Single Family
Plan 2 - 321.2018 “C” Farmhouse

Source: KB Home, 2021

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Figure 6d - Building Elevations



Single Family
Plan 3 - 321.2089 “A” Spanish

Source: KB Home, 2021

1. Introduction

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Figure 6e - Building Elevations



Single Family
Plan 3-ALT. - 321.2089 “B” Craftsman

Source: KB Home, 2021

1. Introduction

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Figure 6f - Building Elevations



Left Elevation



Front Elevation



Right Elevation



Rear Elevation (Chico Ave. View)

Single Family
Plan 4 - 321.2328 “C” Farmhouse

Source: KB Home, 2021

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Figure 7 - Conceptual Open Space Landscape Plan



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Scale (Feet)

Source: Wetland Design Group, Inc, 2021

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1.3.3 Infrastructure Improvements and Utility and Service Systems

Following is a discussion of the infrastructure improvements and utility and service systems needed to accommodate the proposed project. All proposed infrastructure and improvements would require City approval and where necessary, the approval of the utility/service provider.

1.3.3.1 WATER SYSTEM

The San Gabriel Valley Water Company (SGVWC) would provide water delivery service to the project site. As shown in Figure 8, *Water and Sewer Plan*, there are existing water lines along Chico Avenue and Rosemead Boulevard. As a part of the proposed project, new on-site water lines would connect to the existing water mains. No off-site water line construction or upsizing would be required to accommodate the proposed project. However, some construction would occur within the public right-of-way of Chico Avenue and Rosemead Boulevard in order to make the necessary infrastructure connections to the existing water mains. The proposed water system improvements would be designed and constructed in accordance with City and SGVWC requirements and would require City and SGVWC approval.

1.3.3.2 WASTEWATER SYSTEM

Wastewater generated by the proposed project would be collected within the City's local sewer collection system. The City's local sewers tie into one of the Sanitation Districts of Los Angeles County (LACSD) regional trunk sewers. As shown in Figure 8, *Water and Sewer Plan*, there are existing sewer lines along Chico Avenue and Rosemead Boulevard. As a part of the proposed project, new on-site sewer lines would connect to the existing sewer main in Rosemead Boulevard. No off-site sewer line construction or upsizing would be required to accommodate the proposed project. However, some construction would occur within the public right-of-way of Rosemead Boulevard in order to make the necessary infrastructure connections to the existing sewer main. The proposed wastewater system improvements would be designed and constructed in accordance with City and LACSD requirements and would require City and LACSD approval.

1.3.3.3 DRAINAGE SYSTEM

Under existing conditions, 87.0 percent of the site drains from east to west to a sump catch basin near the middle of the site. The catch basin drains into the Los Angeles County Flood Control District storm drain running from Rosemead Boulevard to Marybeth Lane, as shown in Figure 9, *Storm Drain Plan*. The remaining 13.0 percent of the site drains east to west toward Rosemead Boulevard.

Under proposed conditions, stormwater runoff from Lot 1 (see Figure 3, *Aerial Photograph*) would be conveyed to the same county storm drain as under existing conditions but via a new on-site drainage collection, conveyance, and treatment system shown in Figure 9, *Storm Drain Plan*. Lot 2 (1.2 acres) would be parceled off and remain with the current landowner. For Lot 1, runoff would be conveyed to a centralized pretreatment chamber before entering a drywell infiltration system. The location of the pretreatment chamber and the drywell is shown in Figure 16, *Developed Condition Hydrology Map*. If infiltration is determined to be infeasible during the final engineering phase, a biofiltration system would be proposed. The proposed drainage system

improvements would be designed and constructed in accordance with City requirements and would require City approval.

No changes are proposed to the Los Angeles County Flood Control District storm drain that runs through the project site. The project applicant/developer would submit construction/engineering plans and as-built plans to the County's engineer to obtain a permit to connect to this storm drain. All construction work in the vicinity of the storm drain would be conducted in accordance with the district's design manual guidelines and standards.

1.3.4 Project Phasing and Construction

The proposed project would be completed in one phase upon acquisition of permits. Construction is estimated to be completed in approximately 19 months, beginning in Fall 2022 and ending in Spring 2024. Construction equipment required for demolition, excavation, grading, and other building activities would include, but not be limited to, excavators, loaders, forklifts, concrete trucks, and compressors. In compliance with Section 8.20.030(D), Prohibited Acts, of the City's municipal code, construction activities are only permitted between 7 am to 10 pm Mondays through Fridays and are prohibited on weekends and holidays. An estimated 4,852 cubic yards of soil import are anticipated to require 607 total trip-ends, or 61 trip-ends per day, based on a 10-day, rough-grading, soil-haul phase.

The construction phases are:

- Asphalt and building demolition
- Building demolition debris haul
- Asphalt demolition debris on-site reprocessing
- Rough grading
- Rough grading soil haul
- Utility trenching
- Asphalt paving
- Building construction
- Architectural coating

1.4 EXISTING ZONING AND GENERAL PLAN

According to the City of South El Monte General Plan land use and zoning maps, the project site is currently designated Commercial-Manufacturing and Medium-Density Residential (MDR) and zoned Commercial Manufacturing (C-M) and Multiple Family Residential (R-3).

A General Plan Amendment would be required to change the site's land use designation to Medium Density Residential (MDR) and a Zone Change approval would be required to change the zoning to Specific Plan (SP).

Figure 10, *Existing and Proposed General Plan Land Use Designation,* and Figure 11, *Existing and Proposed Zoning Designation,* show the existing and proposed land use and zoning designations for the site.

A Vesting Tentative Tract Map for the Specific Plan area will be prepared and processed through the City in accordance with Chapter 16 of the South El Monte Municipal Code and in accordance with the Subdivision Map Act of the California Government Code.

1.5 CITY ACTION REQUESTED

This Initial Study examines the environmental impacts of the proposed Starlite Residential Development. This Initial Study is also being prepared to address various actions by the City to adopt and implement the proposed project. It is the intent of this Initial Study to enable the City, other responsible agencies, and interested parties to evaluate the environmental impacts of the proposed project and make informed decisions with respect to the requested entitlements. The discretionary actions required by the City of South El Monte and other agencies are shown in Table 2, *Discretionary Approvals Requested.*

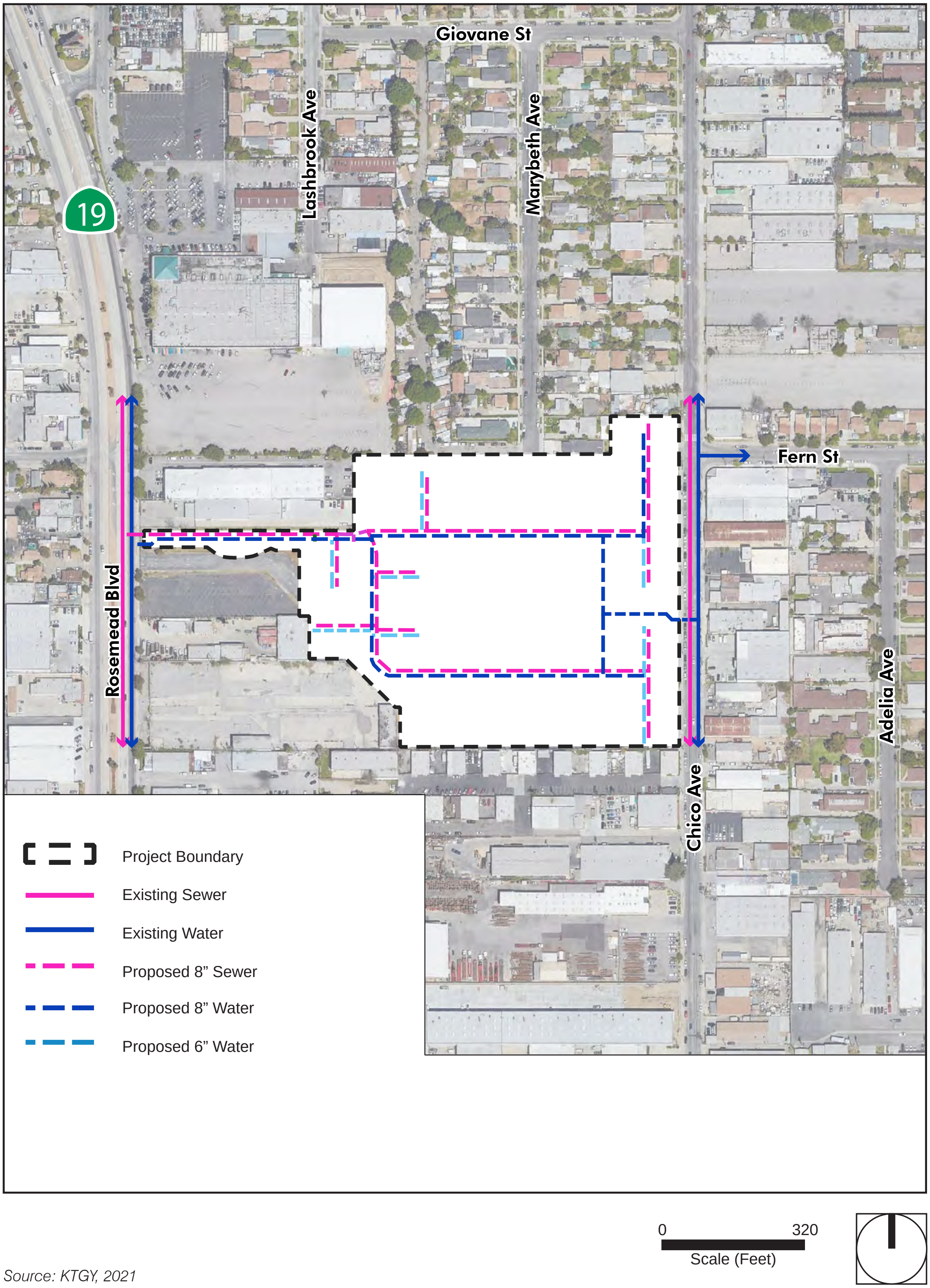
Table 2 Discretionary Approvals Requested

Agency	Entitlements/Permits Required
City of South El Monte	Mitigated Negative Declaration Adoption General Plan Amendment (GPA) Specific Plan (SP) Zone Change (ZC) Vesting Tentative Tract Map (VTTM) Lot Line Adjustment (LLA)

1. Introduction

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Figure 8 - Water and Sewer Plan



Source: KTGY, 2021

1. Introduction

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Figure 9 - Storm Drain Plan

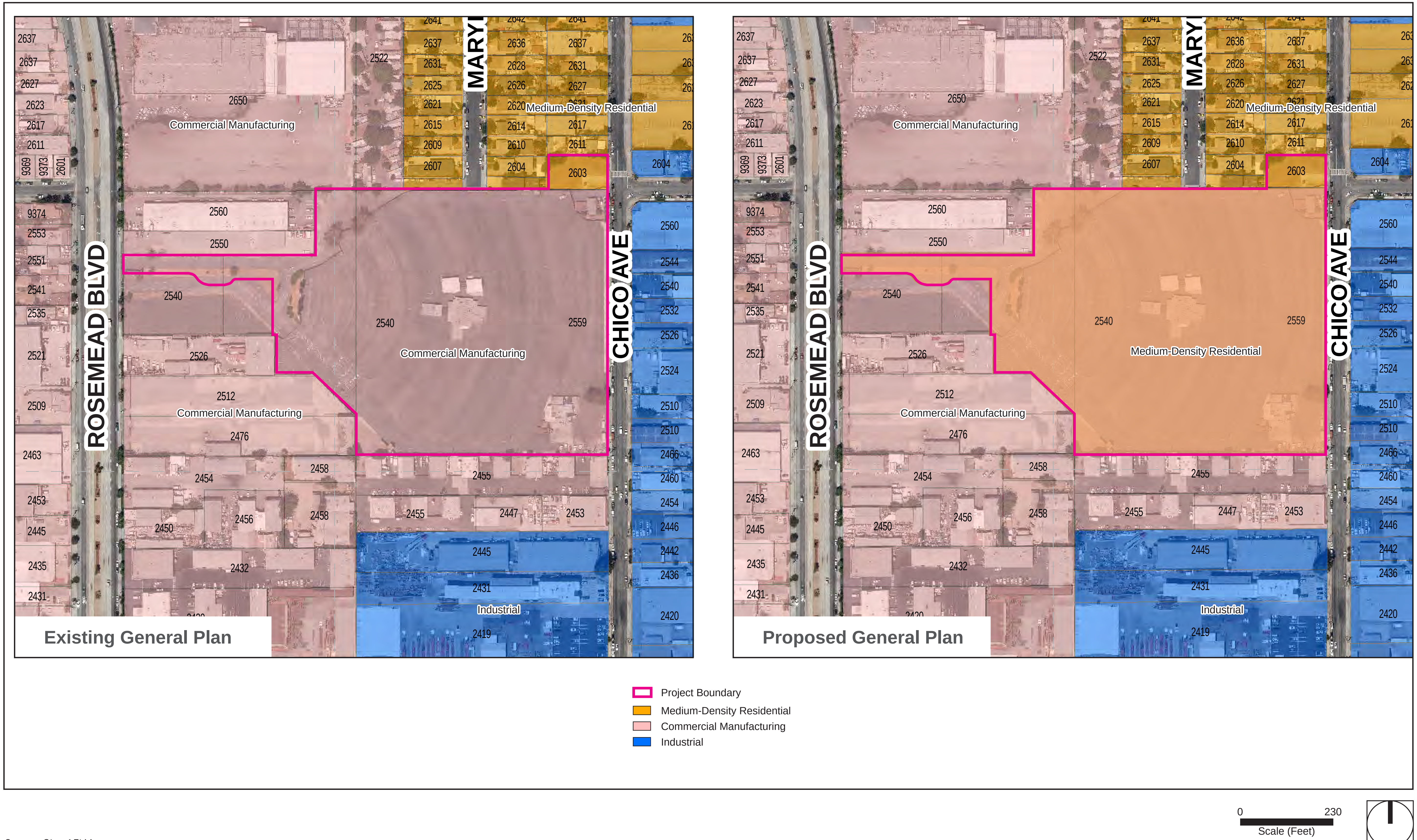


Source: KTGY, 2021

1. Introduction

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Figure 10 - Existing and Proposed General Plan Land Use Designations

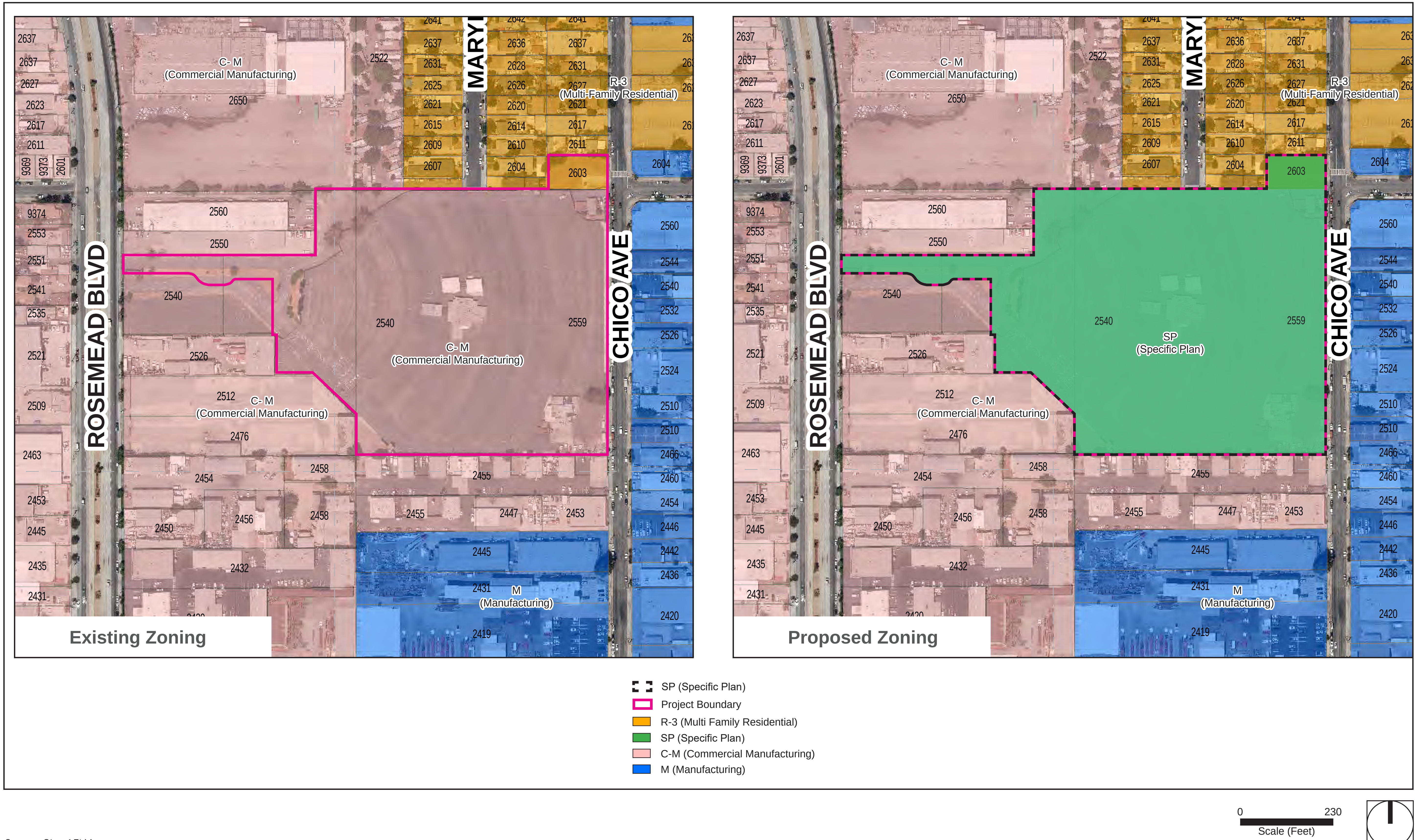


Source: City of El Monte

1. Introduction

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Figure 11 - Existing and Proposed Zoning Designations



Source: City of El Monte

1. Introduction

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2. Environmental Checklist

2.1 PROJECT INFORMATION

1. Project Title: Starlite Residential Development

2. Lead Agency Name and Address:
City of South El Monte
Community Development Department
1415 Santa Anita Avenue
South El Monte, CA 91733

3. Contact Person and Phone Number:
Colby Cataldi, Community Development Director
626.579.6540

4. Project Location:
The 12.3-acre project site is in the City of South El Monte at the former Starlite Drive-in Theater site at 2540 Rosemead Boulevard.

5. Project Sponsor's Name and Address:
KB Home
10990 Wilshire Boulevard
Los Angeles, CA 90024

6. General Plan Designation: Medium-Density Residential (Proposed); Commercial-Manufacturing and Medium-Density Residential (MDR) (Existing)

7. Zoning: Specific Plan (SP) (Proposed); Commercial Manufacturing (C-M) and Multiple Family Residential (R-3) (Existing)

8. Description of Project:
The proposed project would include 207 dwelling units (169 single-family homes and 38 multifamily units), and up to 10.0 percent of these units are proposed to be at moderate level.

9. Surrounding Land Uses and Setting:
A section of the western portion of the site, along Rosemead Boulevard, would be parceled off and remain with the current landowner. The site is surrounded by commercial and industrial uses to the east, south, and west, including auto spray booths, delivery truck operations, and welding operations. Multifamily residential units border the site to the north. The project site is addressed on Rosemead

2. Environmental Checklist

Boulevard, which runs north-south and provides access to the project site. I-10 runs east-west and provides access from one mile north of the project site.

10. Other Public Agencies Whose Approval Is Required (e.g., permits, financing approval, or participating agreement):
N/A

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

> Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21080.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.94 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

Letters were sent to tribal representatives in accordance with Senate Bill 18 and Assembly Bill 52; consultation was set up with the Gabrieleno Band of Mission Indians–Kizh Nation.

2.2 ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact," as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture / Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Energy
☐ Geology/Soils	☐ Greenhouse Gas Emissions	☐ Hazards and Hazardous Materials
☐ Hydrology/Water Quality	☐ Land Use / Planning	☐ Mineral Resources
☐ Noise	☐ Population / Housing	☐ Public Services
☐ Recreation	☐ Transportation	☐ Tribal Cultural Resources
☐ Utilities / Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

2.3 DETERMINATION (TO BE COMPLETED BY THE LEAD AGENCY)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

_______________________________	_______________________________
Signature	*Date*
_______________________________	_______________________________

2.4 EVALUATION OF ENVIRONMENTAL IMPACTS

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors, as well as general standards (e.g., the project would not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.

5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:

   a) **Earlier Analyses Used.** Identify and state where they are available for review.

   b) I**mpacts Adequately Addressed.** Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.

   c) **Mitigation Measures.** For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.

9. The explanation of each issue should identify:

   a) the significance criteria or threshold, if any, used to evaluate each question; and
   b) the mitigation measure identified, if any, to reduce the impact to less than significance.

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3. Environmental Analysis

This section provides an evaluation of the impact categories and questions in the checklist and identifies mitigation measures, if applicable.

3.1 AESTHETICS

Except as provided in Public Resources Code Section 21099, would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?				X
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?			X	
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			X	

a) Have a substantial adverse effect on a scenic vista?

No Impact. Vistas provide visual access or panoramic views to a large geographic area. The city's relatively flat topography provides scenic views of mountain ridges to the north. However, these views are often obscured by weather and poor air quality. The highly urbanized setting of the area surrounding the project site (Rosemead Boulevard to the west, Chico Avenue to the east, residential uses and Marybeth Avenue to the north, and commercial and industrial uses to the south) also obscures views of the mountains. Additionally, according to the Resources Element of the City's General Plan, none of the roads, streets, or highways meet the requirements for designation as a scenic roadway (South El Monte 2000). Therefore, impacts to scenic vistas would be less than significant.

3. Environmental Analysis

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

No Impact. According to the Resources Element of the City's General Plan, there are no state-designated highways in the City. The nearest officially designated scenic highway is State Route 2 approximately 14 miles north of the project site (Caltrans 2022). Therefore, no impact would occur.

c) In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Less Than Significant Impact. The project site is in an urbanized area and is vacant except for a structure at the northeast corner of the site. The surrounding area consists of commercial and industrial uses to the east, south, and west and multifamily uses to the north. Although it would change the character of the site, the proposed project would be compatible with the existing development pattern and character surrounding the site, with building materials and colors that complement the existing development on adjacent properties. Furthermore, the proposed Specific Plan includes design guidelines to provide the framework for high quality design (Appendix A). The architectural design guidelines of the Specific Plan—which specify building orientation and massing, roof forms, architectural enhancements, colors and materials, and plan and elevation requirements—would express the desired character of future development, ensure a consistent level of quality, and accommodate emerging and product trends. Compliance with these standards would ensure that the proposed project would feature quality design and architecture and would be compatible with the character of the adjacent uses. Moreover, the site is currently zoned Commercial Manufacturing (C-M) and Multiple Family Residential (R-3); the C-M zone has no maximum building height requirement except when the building is constructed adjacent to a residentially zoned lot and shall have a maximum allowable height of 28 feet, and the R-3 zone allows a maximum height of 25 feet. The proposed buildings on-site would be 35 feet and 8 inches tall, which exceeds the allowable maximum height in the C-M and R-3 zones, and requires a change of zone to the Specific Plan (SP) zone. Upon approval of the SP zone, the proposed building heights would not exceed the Specific Plan's maximum building height of 36 feet. Therefore, implementation of the proposed project would not substantially degrade the existing visual character of the site and its surroundings. Impacts would be less than significant.

d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. The two major causes of light pollution are glare and spill light. Spill light is caused by misdirected light that illuminates areas outside the area intended to be lit. Glare occurs when a bright object is against a dark background, such as oncoming vehicle headlights or an unshielded light bulb. The project area includes many existing sources of nighttime illumination and glare, such as lights caused by roadway and residential uses, parking lot lights, vehicle lights, and exterior lighting from commercial and industrial uses. At buildout, the proposed project would include additional structures on-site and their related lighting sources; its implementation would likely also result in glazing (e.g., windows and doors) that could potentially result in

new sources of glare. Despite new sources of nighttime illumination and glare, the proposed project is not expected to generate a substantial increase in light and glare. Additionally, Section 17.12.260, Miscellaneous Standards, for the R-3 zone in the City's municipal code, states that lighting shall be designed to ensure that neighboring properties or public streets are protected from direct or hazardous glare. Section 17.16.210, Exterior Lighting Facilities, of the Municipal Code states that exterior lighting fixtures in the C-M zone shall be arranged in a manner that will not provide a direct glare or create hazardous interference with neighboring properties. Glare and lighting from the proposed project would be typical of residential uses and the surrounding area, and would not increase glare and lighting beyond what is expected for the project site. Therefore, impacts would be less than significant.

3.2 AGRICULTURE AND FORESTRY RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:

	Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b)	Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c)	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?				X
d)	Result in the loss of forest land or conversion of forest land to non-forest use?				X
e)	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X

3. Environmental Analysis

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. The project site has no agricultural or farm uses on it, nor are there agricultural or farm uses in its immediate vicinity. No project-related farmland conversion impact would occur. The project site is zoned Commercial Manufacturing (C-M) and Multiple Family Residential (R-3). It is listed as Urban and Built-Up Land and is not mapped as important farmland by the Division of Land Resource Protection (DLRP 2016). Therefore, no impact would occur.

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

No Impact. The zoning designation for the project site is Commercial Manufacturing (C-M) and Multiple Family Residential (R-3). The proposed project would not conflict with agricultural zoning or a Williamson Act contract because the site is not zoned for agricultural use. Williamson Act contracts restrict the use of privately owned land for agriculture and compatible open-space uses under contract with local governments; in exchange, the land is taxed based on actual use rather than potential market value. Since the project site is zoned Commercial Manufacturing (C-M) and Multiple Family Residential (R-3), there is no Williamson Act contract in effect on-site. Therefore, no impact would occur.

c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

No Impact. Project development would not conflict with existing zoning for forestland, timberland, or timberland production. Forest land is defined as "land that can support 10.0 percent native tree cover of any species, including hardwoods, under natural conditions, and that allows for management one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits" (Public Resources Code § 12223 [g]). Timberland is defined as "land…which is available for, and capable of, growing a crop of trees of any commercial species used to produce lumber and other forest products, including Christmas trees" (Public Resources Code § 4526). The project site is zoned Commercial Manufacturing (C-M) and Multiple Family Residential (R-3). Therefore, no impact would occur.

d) Result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. The project site is paved and contains ornamental trees. Project construction would not result in the loss or conversion of forest land. Therefore, no impact would occur.

e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No Impact. Maps from the Division of Land Resource Protection indicate that there is no important farmland or forest land on the project site or in the surrounding vicinity. Project development would not directly cause conversion of such land to nonagricultural or nonforest use. Therefore, no impact would occur.

3.3 AIR QUALITY

The Air Quality section addresses the impacts of the proposed project on ambient air quality and the exposure of people, especially sensitive individuals, to unhealthful pollutant concentrations. A background discussion on the air quality regulatory setting, meteorological conditions, existing ambient air quality in the vicinity of the project site, and air quality modeling can be found in Appendix B.

The primary air pollutants of concern for which ambient air quality standards (AAQS) have been established are ozone (O_3), carbon monoxide (CO), coarse inhalable particulate matter (PM_{10}), fine inhalable particulate matter ($PM_{2.5}$), sulfur dioxide (SO_2), nitrogen dioxide (NO_2), and lead (Pb). Areas are classified under the federal and California Clean Air Act as either in attainment or nonattainment for each criteria pollutant based on whether the AAQS have been achieved. The South Coast Air Basin (SoCAB), which is managed by the South Coast Air Quality Management District (South Coast AQMD), is designated nonattainment for O_3, and $PM_{2.5}$ under the California and National AAQS, nonattainment for PM_{10} under the California AAQS, and nonattainment for lead (Los Angeles County only) under the National AAQS (CARB 2017b).

Furthermore, the South Coast AQMD has identified regional thresholds of significance for criteria pollutant emissions and criteria air pollutant precursors, including volatile organic compounds (VOC), CO, NO_X, SO_X, PM_{10}, and $PM_{2.5}$. Development projects below the regional significance thresholds are not expected to generate sufficient criteria pollutant emissions to violate any air quality standard or contribute substantially to an existing or projected air quality violation. Where available, the significance criteria established by the South Coast AQMD may be relied upon to make the following determinations. Would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?			X	
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?		X		
c) Expose sensitive receptors to substantial pollutant concentrations?			X	
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?			X	

a) Conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant Impact. The South Coast AQMD adopted the 2016 Air Quality Management Plan (AQMP) on March 3, 2017. Regional growth projections are used by South Coast AQMD to forecast future emission levels in the SoCAB. For southern California, these regional growth projections are provided by the Southern California Association of Governments (SCAG) and are partially based on land use designations

included in city/county general plans. Typically, only large, regionally significant projects have the potential to affect the regional growth projections. In addition, the consistency analysis is generally only required in connection with the adoption of General Plans, specific plans for large areas,, and significant projects.

Changes in population, housing, or employment growth projections have the potential to affect SCAG's demographic projections and therefore the assumptions in South Coast AQMD's AQMP. The project would build 207 residential units. As discussed in Section 3.14, *Population and Housing*, the proposed project's population growth would be within SCAG's forecast growth projections for the city. Additionally, as demonstrated in Section 3.3(b), the regional emissions that would be generated by the operational phase of the proposed project would be less than the South Coast AQMD emissions thresholds and therefore South Coast AQMD would not consider the project a substantial source of air pollutant emissions that would have the potential to affect the attainment designations in the SoCAB. Therefore, the proposed project would not affect the regional emissions inventory or conflict with strategies in the AQMP. Impacts would be less than significant.

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Less Than Significant Impact With Mitigation Incorporated. The following describes project-related impacts from regional short-term construction activities and regional long-term operation of the proposed project.

Regional Short-Term Construction Impacts

Construction activities would result in the generation of air pollutants. These emissions would primarily be 1) exhaust from off-road, diesel-powered construction equipment; 2) dust generated by construction activities; 3) exhaust from on-road vehicles; and 4) off-gassing of VOCs from paints and asphalt.

Construction activities for the residential development are anticipated to disturb 12.40 acres[1]. The project would involve asphalt and building demolition as well as debris haul and reprocessing, grading and grading soil haul, utilities trenching, paving, building construction, and architectural coating. Construction is anticipated to start in October 2022 and finish in April 2024. Construction emissions were estimated using the California Emissions Estimator Model (CalEEMod), version 2016.3.2.25, and are based on the preliminary construction duration and equipment mix provided by the applicant. Construction emissions modeling is shown in Table 3, *Maximum Daily Regional Construction Emission,* and shows maximum daily emissions for NO_X, CO, SO_2, PM_{10}, and $PM_{2.5}$ from construction-related activities would be less than their respective South Coast AQMD regional significance threshold values. However, construction-related VOC emissions generated from paints used in architectural coating of the new structures on the project site would exceed the South Coast AQMD regional significance threshold for VOCs.

[1] The acreage disturbed used for construction modeling was based on preliminary construction data provided by the applicant. As the site is 12.3 acres, this analysis is conservative.

Table 3 Maximum Daily Regional Construction Emissions

Construction Phase	Pollutants (lb/day)[1, 2]					
	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Year 2022						
Asphalt and Building Demolition	2	23	15	<1	1	1
Asphalt and Building Demolition and Debris Haul	3	25	17	<1	2	1
Rough Grading 2022	4	39	30	<1	6	3
Rough Grading 2022 and Asphalt Demolition Debris On-Site Reprocessing	4	43	34	<1	6	3
Year 2023						
Rough Grading 2023	3	35	29	<1	5	3
Rough Grading 2023 and Soil Haul	4	41	30	<1	6	3
Utility Trenching	<1	2	3	<1	<1	<1
Asphalt Paving	1	7	10	<1	<1	<1
Building Construction 2023	1	9	13	<1	1	1
Year 2024						
Building Construction 2024	1	9	13	<1	1	1
Building Construction 2024 and Architectural Coating	132	11	17	<1	2	1
Maximum Daily Construction Emissions						
Maximum Daily Emissions	132	43	34	<1	6	3
South Coast AQMD Regional Construction Threshold	75	100	550	150	150	55
Significant?	Yes	No	No	No	No	No

Source: CalEEMod Version 2016.3.2.25.
1 Based on the preliminary information provided by the applicant. Where specific information regarding project-related construction activities was not available, construction assumptions were based on CalEEMod defaults, which are based on construction surveys conducted by South Coast AQMD of construction equipment.
2 Includes implementation of fugitive dust control measures required by South Coast AQMD under Rule 403, including watering disturbed areas a minimum of two times per day, reducing speed limit to 15 miles per hour on unpaved surfaces, replacing ground cover quickly, and street sweeping with Rule 1186–compliant sweepers.

However, as shown in Table 4, *Maximum Daily Regional Construction Emissions with Mitigation Incorporated,* implementation of Mitigation Measure AQ-1 would reduce construction-related emissions to below the significance thresholds by requiring use of zero-VOC-content paints for buildings' interior coating. Therefore, air quality impacts from project-related construction activities would be less than significant with incorporation of mitigation.

Mitigation Measures

Construction

AQ-1 The construction contractor(s) shall only use interior paints with a VOC (volatile organic compound) content of zero grams per liter (g/L) to reduce VOC emissions. All building and site plans shall note use of interior paints with a VOC content of 0 g/L. Prior to construction, the construction contractor(s) shall ensure that all construction plans submitted to the City's

3. Environmental Analysis

Building and Safety Department clearly show the requirement for use of interior paint with a VOC content of 0 g/L for the specified buildings.

Table 4 Maximum Daily Regional Construction Emissions with Mitigation Incorporated

Construction Phase	Pollutants (lb/day)[1, 2]					
	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Year 2022						
Asphalt and Building Demolition	2	23	15	<1	1	1
Asphalt and Building Demolition and Debris Haul	3	25	17	<1	2	1
Rough Grading 2022	4	39	30	<1	6	3
Rough Grading 2022 and Asphalt Demolition Debris On-Site Reprocessing	4	43	34	<1	6	3
Year 2023						
Rough Grading 2023	3	35	29	<1	5	3
Rough Grading 2023 and Soil Haul	4	41	30	<1	6	3
Utility Trenching	<1	2	3	<1	<1	<1
Asphalt Paving	1	7	10	<1	<1	<1
Building Construction 2023	1	9	13	<1	1	1
Year 2024						
Building Construction 2024	1	9	13	<1	1	1
Building Construction 2024 and Architectural Coating[3]	34	11	17	<1	2	1
Maximum Daily Construction Emissions						
Maximum Daily Emissions	34	43	34	<1	6	3
South Coast AQMD Regional Construction Threshold	75	100	550	150	150	55
Significant?	No	No	No	No	No	No

Source: CalEEMod Version 2016.3.2.25.
1 Based on the preliminary information provided by the Applicant. Where specific information regarding project-related construction activities was not available, construction assumptions were based on CalEEMod defaults, which are based on construction surveys conducted by South Coast AQMD of construction equipment.
2 Includes implementation of fugitive dust control measures required by South Coast AQMD under Rule 403, including watering disturbed areas a minimum of two times per day, reducing speed limit to 15 miles per hour on unpaved surfaces, replacing ground cover quickly, and street sweeping with Rule 1186–compliant sweepers.
3 Includes implementation of Mitigation Measure AQ-1, which would require use of paints with zero VOC content for interior coatings.

Long-Term Operation-Related Air Quality Impact

Typical long-term air pollutant emissions are generated by area sources (e.g., landscape fuel use, aerosols, architectural coatings, and asphalt pavement), energy use (natural gas), and mobile sources (i.e., on-road vehicles). The proposed project would result in the development of 207 residential units on the project site. The proposed buildings would, at minimum, be designed and built to meet the 2019 Building Energy Efficiency Standards and the 2019 California Green Building Standards Code (CALGreen). As shown in Table 5, *Maximum Daily Regional Operation Emissions,* it is anticipated that operation of the proposed project would result in overall minimal emissions and would not exceed the South Coast AQMD regional operation-phase significance thresholds. It should be noted that emissions modeling is conservative because it assumes that there are no active land uses at the project site. An optional approach would be to assume the former weekend swap meets

at the site as baseline (existing conditions), which would result in reduced "net" emissions for the proposed project. Impacts to the regional air quality associated with operation of the project would be less than significant.

Table 5 Maximum Daily Regional Operation Emissions

Source	Maximum Daily Emissions (lbs/day)					
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Maximum Daily Emissions						
Area	10	<1	17	<1	<1	<1
Energy	<1	1	1	<1	<1	<1
Mobile	3	3	34	<1	9	3
Total	13	4	52	<1	9	3
South Coast AQMD Regional Threshold	55	55	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Source: CalEEMod Version 2016.3.2.25.
Notes: lbs = pounds
Highest winter or summer emissions are reported.

c) Expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. The proposed project could expose sensitive receptors to elevated pollutant concentrations if it causes or significantly contributes to elevated pollutant concentration levels. Unlike regional emissions, localized emissions are typically evaluated in terms of air concentration rather than mass so they can be more readily correlated to potential health effects.

Construction LSTs

Localized significance thresholds (LSTs) are based on the California AAQS, which are the most stringent AAQS to provide a margin of safety in the protection of public health and welfare. They are designated to protect sensitive receptors most susceptible to further respiratory distress, such as asthmatics, the elderly, very young children, people already weakened by other disease or illness, and people engaged in strenuous work or exercise. The screening-level construction LSTs are based on the size of the project site, distance to the nearest sensitive receptor, and source receptor area (SRA). The nearest off-site sensitive receptors are the residences along Marybeth Avenue bordering the project site to the north.

Air pollutant emissions generated by construction activities would cause temporary increases in air pollutant concentrations. Table 6, *Localized Construction Emissions,* shows that the maximum daily construction emissions (pounds per day) for NO_X, CO, PM_{10}, and $PM_{2.5}$ would be less than their respective South Coast AQMD screening-level LSTs. Therefore, air quality impacts from project-related construction activities would be less than significant.

3. Environmental Analysis

Table 6 Localized Construction Emissions

Construction Activity	Pollutants(lbs/day)[1]			
	NO_X	CO	PM_{10}[2]	$PM_{2.5}$[2]
South Coast AQMD **≤1.00 Acre LST**	83	673	5.00	4.00
Asphalt and Building Demolition	22	14	1.07	1.00
Utility Trenching	2	3	0.10	0.10
Asphalt Paving	7	9	0.34	0.32
Building Construction 2023	7	10	0.38	0.36
Building Construction 2024	7	10	0.33	0.31
Building Construction 2024 and Architectural Coating	9	13	0.45	0.43
Exceeds LST?	No	No	No	No
South Coast AQMD 1.50-Acre LSTs	102	852	6.00	4.50
Asphalt and Building Demolition and Debris Haul	24	16	1.76	1.17
Exceeds LST?	No	No	No	No
South Coast AQMD 2.50 Acre LST	126	805	18.07	5.94
Grading and Grading Soil Haul	21	15	3.75	2.31
Exceeds LST?	No	No	No	No
South Coast AQMD 4.50-Acre LSTs	173	1,683	12.83	8.33
Rough Grading 2022	39	29	5.34	3.04
Rough Grading 2022 and Asphalt Demolition Debris On-Site Reprocessing	42	33	5.52	3.22
Rough Grading 2023	35	28	5.13	2.85
Rough Grading 2023 and Soil Haul	35	28	5.16	2.85
Exceeds LST?	No	No	No	No

Source: CalEEMod Version 2016.3.2.25. South Coast AQMD 2008, 2011.
Notes: In accordance with South Coast AQMD methodology, only on-site stationary sources and mobile equipment are included in the analysis. Screening level LSTs are based on a distance of 82 ft to the receptor in SRA 11.
[1] Where specific information for project-related construction activities or processes was not available, modeling was based on CalEEMod defaults. These defaults are based on construction surveys conducted by the South Coast AQMD.
[2] Includes fugitive dust control measures required by South Coast AQMD under Rule 403, such as watering disturbed areas a minimum of two times per day, reducing speed limit to 15 miles per hour on unpaved surfaces, replacing ground cover quickly, and street sweeping with Rule 1186–compliant sweepers.

Construction Health Risk

Emissions from construction equipment primarily consist of diesel particulate matter. In 2015, the Office of Environmental Health Hazards Assessment adopted guidance for preparation of health risk assessments that included the development of a cancer risk factor and noncancer chronic reference exposure level for diesel particulate matter over a 30-year time frame (OEHHA 2015). Currently, South Coast AQMD does not require the evaluation of long-term excess cancer risk or chronic health impacts for a short-term project. The proposed project is anticipated to be completed in approximately 19 months, which would limit the exposure of on-site and off-site receptors. Furthermore, construction activities would not generate on-site exhaust emissions that would exceed the screening-level construction LSTs. Thus, construction emissions would not pose a health risk to on- and off-site receptors, and project-related construction health impacts would be less than significant.

Operation LSTs

Operation of the proposed project would not generate substantial emissions from on-site stationary sources. Land uses that have the potential to generate substantial stationary sources of emissions include industrial land uses, such as chemical processing and warehousing operations with truck idling on-site, that would require a permit from South Coast AQMD. The proposed project does not fall within these categories of uses. While operation of the new buildings would use standard on-site mechanical equipment such as heating, ventilation, and air conditioning, air pollutant emissions would be nominal. Localized air quality impacts related to operation-related emissions would be less than significant.

Carbon Monoxide Hotspots

Vehicle congestion has the potential to create pockets of CO called hotspots. Hotspots are typically produced at intersections, where traffic congestion is highest because vehicles are backed up and idle for longer periods and are subject to reduced speeds. These pockets could exceed the state one-hour standard of 20 parts per million or the eight-hour standard of 9.0 parts per million. Because CO is produced in the greatest quantities from vehicle combustion and does not readily disperse into the atmosphere, adherence to AAQS is typically demonstrated through an analysis of localized CO concentrations.

The SoCAB has been designated attainment under both the national and California AAQS for CO. Under existing and future vehicle emission rates, a project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour—or 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited—in order to generate a significant CO impact (BAAQMD 2017). The project-related 189 PM peak hour vehicle trips would be minimal compared to the AAQS screening levels. The project would not substantially increase CO hotspots at intersections, and impacts would be less than significant.

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less Than Significant Impact. The proposed project would not result in objectionable odors. The threshold for odor is if a project creates an odor nuisance pursuant to South Coast AQMD Rule 402, Nuisance, which states:

> A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. The provisions of this rule shall not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.

The type of facilities that are considered to have objectionable odors include wastewater treatments plants, compost facilities, landfills, solid waste transfer stations, fiberglass manufacturing facilities, paint/coating operations (e.g., auto body shops), dairy farms, petroleum refineries, asphalt batch plants, chemical manufacturing, and food manufacturing facilities. The proposed project involves construction of a residential development and would not fall within the objectionable odors land uses. Emissions from construction

equipment, such as diesel exhaust and VOCs from architectural coatings and paving may generate odors. However, these odors would be low in concentration, temporary, and would not affect a substantial number of people. Odor impacts would be less than significant.

3.4 BIOLOGICAL RESOURCES

Would the project:

	Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?				X
b)	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?				X
c)	Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d)	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?			X	
e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f)	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

No Impact. The project site, the former Starlite Drive-in Theater, is paved and contains ornamental trees. Prior to COVID-19, the project site was used as a swap meet on weekends. The project site and surroundings are situated in an urban, built-up area. The City's General Plan Resources Element states that there are no rare or endangered species of plants, fish, or wildlife because the City is built out. When the site operated as a swap meet, there were frequent disturbances on-site. Therefore, the site does not have native habitat and no habitat suitable for sensitive species on-site. No impact would occur either directly or through habitat modification.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

No Impact. Sensitive natural communities are considered rare in the region by regulatory agencies, are known to provide habitat for sensitive animal or plant species, or are known to be important wildlife corridors. Riparian habitats occur along the banks of rivers and streams. No sensitive natural community or riparian habitat is present on-site, and no impact would occur (Wetlands Mapper 2020).

c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. The site is fully paved, and there are no wetlands on-site (Wetlands Mapper 2020). Therefore, the proposed project would not have an adverse effect on wetlands, and no impact would occur.

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Less Than Significant Impact. Corridors refer to established migration routes commonly used by resident and migratory species for passage from one geographic location to another. Movement corridors may provide favorable locations for wildlife to travel between different habitat areas, such as foraging sites, breeding sites, cover areas, and preferred summer and winter ranges. They may also function as dispersal corridors allowing animals to move between various locations within their range.

Although the project site is in an urbanized and built-up environment, the trees on-site could be used for nesting by birds protected under the Migratory Bird Treaty Act (MBTA) (US Code Title 16, Sections 703 to 712) and California Fish and Game Code (Sections 3503 et seq.).

Compliance with the MBTA requires:

- Avoiding grading activities during the nesting season, February 15 to August 15.
- Or, if grading activities are to be undertaken during the nesting season, a site survey for nesting birds by a qualified biologist before commencement of grading activities. If nesting birds are found, the applicant would consult with the USFWS regarding means to avoid or minimize impacts to nesting birds.

Impacts would be less than significant with compliance with the MBTA.

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No Impact. The City of South El Monte does not have an ordinance protecting biological resources on private property. Therefore, no impact would occur.

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. The project site is not within a natural community conservation plan or habitat conservation plan area (CDFW 2019). The project site does not contain sensitive biological resources, and there are no local policies protecting biological resources applicable to the site. No impact would occur.

3.5 CULTURAL RESOURCES

The analysis in this section is based in part on the following technical study:

- *Cultural and Paleontological Resources Assessment for the Starlite Residential Project,* Cogstone, May 2021 (Appendix C-a)
- *Mitigation Measures for the Cultural and Paleontological Resources Assessment for the Starlite Residential Project,* Cogstone, July 9, 2021 (Appendix C-b)

Would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?		X		
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?		X		
c) Disturb any human remains, including those interred outside of dedicated cemeteries?			X	

a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?

Less Than Significant Impact with Mitigation Incorporated. Section 15064.5 defines historic resources as resources listed or determined to be eligible for listing by the State Historical Resources Commission, a local register of historical resources, or the lead agency. Generally, a resource is considered "historically significant" if it meets one of the following criteria:

1) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
2) Is associated with the lives of persons important in our past.
3) Embodies the distinctive characteristics of a type, period, region or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
4) Has yielded, or may be likely to yield, information important in prehistory or history.

A records search of the California Historic Resources Information System (CHRIS) indicated that 17 previous studies have been completed within a half-mile of the project site. There are no previous studies for the project site (Cogstone 2021, Appendix C-a). The records search also determined there are no previously recorded resources within the project site boundaries. One historic resource, an overhead electrical transmission line, is within a half-mile of the project site.

Due to the demolition of the original projection screen in 1997 and the recent demolition of additional features (e.g., the snack shop and projection booth), the drive-in as a whole has lost a substantial degree of integrity of materials, workmanship, design, and feeling. Therefore, as a whole, the Starlite Drive-in Theater is not recommended to be eligible for listing in the California Register of Historical Resources (CRHR) under Criterion 1 due to a substantial loss of integrity. However, the Starlite Drive-in Theater sign retains much of its integrity and association with its historic period of significance. The existing condition of the Starlite sign is shown in Figure 12, *Existing Starlite Drive-in Sign.* The Starlite Drive-in Theater sign meets the standards for listing in the CRHR and is recommended eligible for individual listing under Criterion 1 for its association with drive-in theater history in America. Additionally, the Starlite Drive-in Theater sign retains much of its integrity and is a fine example of Streamline Modern / Googie style, which was prevalent at the time of its conception. It is also a presentation of the artistic esthetic of 1950s America and the surviving work of J. Arthur Drielsma, the drive-in's architect. Thus, the Starlite Drive-in Theater sign is also recommended individually eligible for listing in the CRHR under Criterion 3. Mitigation Measures CUL-1, CUL-2, and CUL-3 would ensure impacts to the sign are reduced to a less than significant level.

Additionally, the demolished maintenance building in the southeast corner of the site did not meet eligibility for listing under the CRHR because this property had lost a substantial degree of its original feeling and setting due to the addition of commercial buildings, the construction of the drive-in's wood fence, and the demolition of nearby ancillary and residential buildings. Therefore, impacts would be less than significant.

Mitigation Measures

The following mitigation measures outline the requirements to mitigate the potentially significant impacts to the Starlite Drive-In Theatre sign. Preliminary plans to restore the sign in accordance with these requirements are shown in Figure 13, *Starlite Drive-In Sign Restoration Plan.*

CUL-1 Prior to any rehabilitation, restoration, or relocation, a thorough documentation of the sign, similar to a HABS/HAER report, will be completed. This report will document the sign's materials, design, character defining features, measurements, and condition of materials . This report will be used to track changes of the sign and provide a guide for future repair work. Copies will be submitted to one local and one state repository. Restoration, movement, and other handling of the Starlite Drive-In sign will be documented as an update to the Department of Parks and Recreation (DPR) record for the sign by the qualified architectural historian if restored, or similarly qualified personnel of the recipient organization if donated, and filed at the South Central Coastal Information Center and at a local library or historical society.

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CUL-2 The project proponent shall preserve, restore, or rehabilitate the Starlite Drive-In sign, including all historic components, in accordance with the Secretary of the Interior standards based on guidance in NPS Technical Brief 25, The Preservation of Historic Signs https://www.nps.gov/tps/how-to-preserve/briefs/25-signs.htm . To this end, the proponent shall retain a qualified architectural historian to develop a treatment plan for the work detailing a general timeline, changes to be made to the sign, which tasks are anticipated to be completed off-site (e.g. welding, soldering, glasswork), and to oversee the work. Following approval of the HABS/HAER similar documentation, the qualified architectural historian will ensure that the materials are placed on file with the City of South El Monte and responsible agencies, historical societies and preservation groups, local university and community libraries, and other appropriate national and local repositories and archives, as identified by the City of South El Monte. The qualified architectural historian will prepare a brief report detailing the restoration process to show compliance with standards in NPS Bulletin 25.

CUL-3 The Starlite Drive-In sign may be moved a short distance, so long at it remains within the property boundaries of the drive-in and remains highly visible from Rosemead Boulevard. Alternatively, the sign may be donated to a local historical society for eventual restoration and display. In either case the sign shall be moved by a construction company experienced in handling historic building and structures. The move shall be supervised by the qualified architectural historian, in case of restoration, or recipient organization, in case of donation.

This mitigation measure pertains to movement of the sign from its current location to an eventual new final location. Temporary removal of portions of the sign for repair, refurbishment, or replication is anticipated to be necessary, and will be covered in the treatment plan.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?

Less Than Significant Impact With Mitigation Incorporated. A pedestrian survey was conducted due to the heavily developed nature of the site. No archaeological resources were observed on-site (Cogstone 2021). Though the pedestrian survey and cultural resources search did not identify prehistoric archaeological resources within or near the project site, the open pit on-site during the recent demolition showed that intact native young alluvium sediments are present at approximately two to three feet below the modern ground surface. Coupled with the positive Sacred Land Files search result for the site, the project site is assessed to have moderate sensitivity for buried prehistoric archaeological resources. Analysis of the cultural record search, pedestrian survey, historical USDA aerial photographs, and USGS topographic quadrangle maps indicate that the Project Area has a low sensitivity for significant buried historical archaeological features such as foundations or trash pits. With the implementation of Mitigation Measures CUL-4 and CUL-5, impacts would be reduced to less than significant.

Figure 12 - Existing Starlite Drive-In Sign

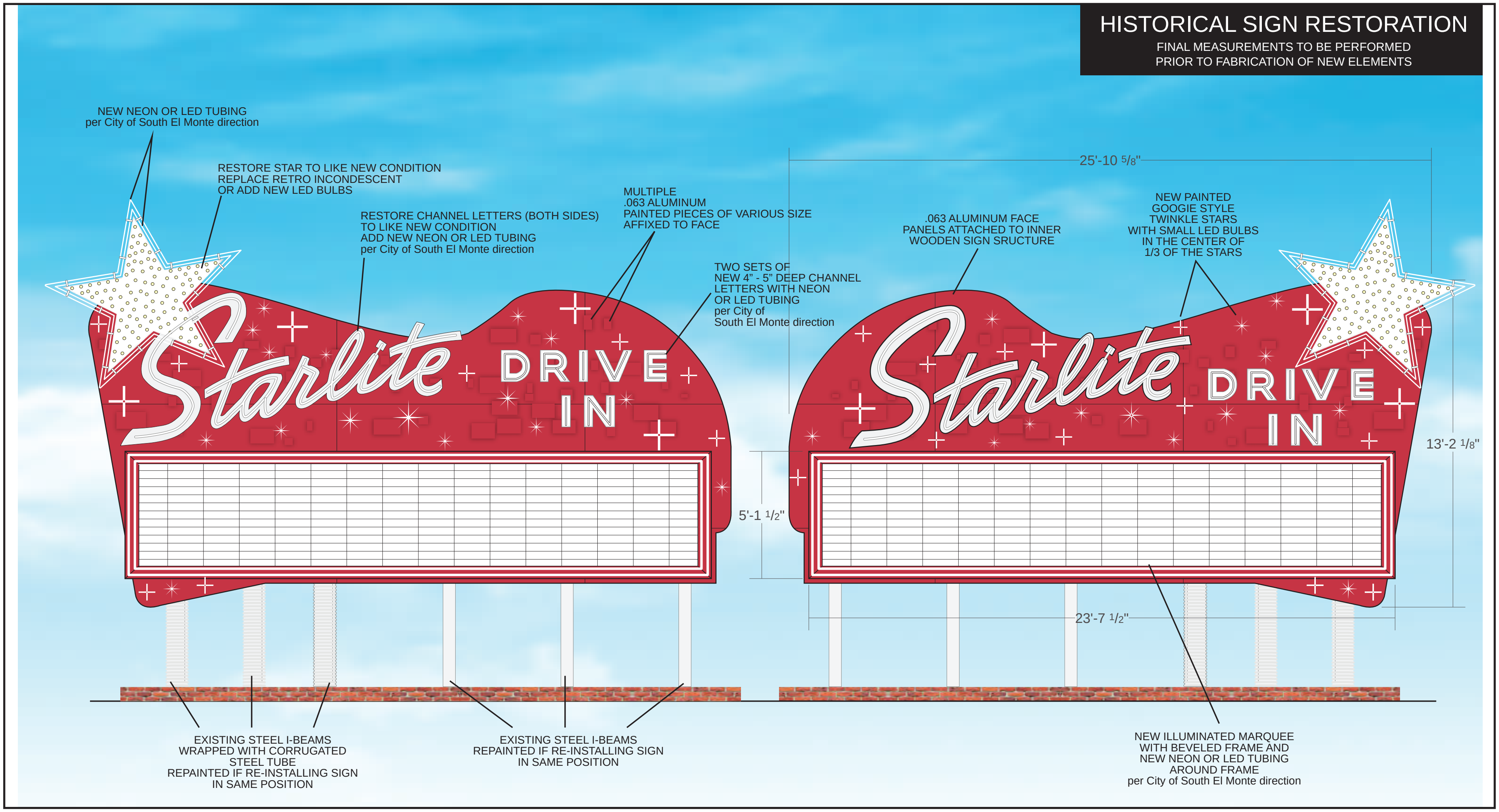


Source: KB Home, photo taken September 9, 2021

3. Environmental Analysis

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Figure 13 - Starlite Drive-In Sign Restoration Plan



Note: Sign Operation to be determined per the City of South El Monte.

Source: Temeka, 2021

3. Environmental Analysis

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Mitigation Measures

CUL-4 Prior to the beginning of ground disturbances, the project proponent shall retain an archaeologist meeting Secretary of the Interior Standards (SOI) to oversee spotcheck cultural resources monitoring of all excavations two feet and deeper within the project area. Spotchecks should occur weekly on average, and no less often than once every seven days that ground disturbance occurs. If a cultural object is uncovered the qualified monitor shall be empowered to temporarily redirect work away from the find while it is evaluated. Work can continue a minimum of 50 feet away from the find. For finds that are not significant, work may resume immediately after the find is documented and removed. If a find is significant, a mitigation plan must be developed, and mitigation completed, prior to work continuing within the 50-foot cordon.

CUL-5 Prior to the beginning of ground disturbances, the qualified monitor will give a short Worker Environmental Awareness Program training presentation prepared by the SOI qualified supervising archaeologist to all construction staff. This presentation will inform construction personnel what cultural resources may be uncovered during the ground-disturbing phases of the project and what to do in case of a find.

c) Disturb any human remains, including those interred outside of dedicated cemeteries?

Less Than Significant Impact. The project site would require demolition, ground clearing, excavation, grading, and other construction activities. California Health and Safety Code, Section 7050.5; CEQA Section 15064.5; and Public Resources Code, Section 5097.98, mandates the process to be followed in the event of an accidental discovery of any human remains in a location other than a dedicated cemetery. Health and Safety Code Section 7050.5 requires that if human remains are discovered on a project site, disturbance of the site shall remain halted until the coroner has conducted an investigation into the circumstances, manner, and cause of any death, and the recommendations concerning the treatment and disposition of the human remains have been made to the person responsible for the excavation or to his or her authorized representative, in the manner provided in Section 5097.98 of the Public Resources Code. If the coroner determines that the remains are not subject to his or her authority and has reason to believe they are Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission. In the unlikely event that soil-disturbing activities result in the discovery of human remains, compliance with existing law would ensure that the proposed project would not have significant impacts on human remains.

3. Environmental Analysis

3.6 ENERGY

Would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			X	
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			X	

a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less Than Significant Impact.

Construction

During construction, the proposed project would consume energy in two general forms: (1) the fuel energy consumed by construction vehicles and equipment; and (2) bound energy in construction materials, such as asphalt, steel, concrete, pipes, and manufactured or processed materials such as lumber and glass.

Construction of the proposed project would require the use of construction equipment for grading, hauling, and building activities. Electricity use during construction would vary during different phases of construction—the majority of construction equipment during demolition and grading would be gas or diesel powered, and the later construction phases would require electricity-powered equipment, such as interior construction and architectural coatings. Construction also includes the vehicles of construction workers traveling to and from the project site and haul trucks for the export of materials from site clearing.

The surrounding area and project site are already served with electricity by Southern California Edison (SCE) and natural gas infrastructure provided by the Southern California Gas Company. Adequate infrastructure capacity in the vicinity of the site would be available to accommodate the electricity and natural gas demand for construction activities and would not require additional or expanded infrastructure.

The construction contractors would minimize idling of construction equipment, as required by state law, and reduce construction waste by recycling. These required practices would limit wasteful and unnecessary electrical energy consumption. Furthermore, there are no unusual project characteristics that would necessitate the use of construction equipment that is less energy efficient than at comparable construction sites in other parts of the state. Therefore, the proposed short-term construction activities would not result in inefficient, wasteful, or unnecessary fuel consumption.

Transportation

Transportation energy use depends on the type and number of trips, vehicle miles traveled, fuel efficiency of vehicles, and travel mode. Transportation energy use during construction would come from the transport and use of construction equipment, delivery vehicles and haul trucks, and construction employee vehicles that would use diesel fuel and/or gasoline. The use of energy resources by these vehicles would fluctuate according to the phase of construction and would be temporary. The majority of construction equipment during demolition and grading would be gas or diesel powered, and the later construction phases would require electricity-powered equipment. Impacts related to transportation energy use during construction would be temporary and would not require expanded energy supplies or the construction of new infrastructure. Impacts would not be significant.

Operation

Operational use of energy would include heating, cooling, and ventilation of buildings; water heating; operation of electrical systems, security, and control center functions; use of on-site equipment and appliances; and indoor, outdoor, perimeter, and parking lot lighting. Additionally, the proposed project would operate as residential uses and would not result in an excessive consumption of energy compared to other residential uses. The Specific Plan includes sustainability guidelines, which include energy-efficiency recommendations such as using passive sustainable design strategies, including daylighting; natural sources of heating and cooling; operable windows; and encouraging coordination with SCE to identify opportunities to optimize energy infrastructure.

Electricity

In 2019, the latest year for which data are available, SCE provided over 84,654 gigawatt-hours of electricity to its customers (SCE 2019). The proposed project is expected to generate a demand of 1,577,002 kilowatt-hours per year (see Section 3.19, *Utilities and Service Systems*). Prior to final building plan submittal, the project applicant would provide project plans to SCE to prepare a Method-of-Service Study to determine the exact location of electrical connections at the site and establish estimated electricity demand. Additionally, because the proposed project would be subject to the more stringent 2019 Title 24 Standards, the project's electricity demand would not be a substantial increase. Therefore, impacts are less than significant.

Natural Gas

The proposed project would construct new structures on the project site that would result in an increase in gas demands. The use of natural gas would be limited to building heating, water heaters, and gas stoves/ovens and would create a demand of 4,954,623 kilo–British thermal unit per year (see Section 3.19, *Utilities and Service Systems*). Therefore, impacts are less than significant.

Renewable Energy

Project development would not interfere with achievement of the 60.0 percent Renewable Portfolio Standard in SB 100 for 2030 or the 100 percent standard for 2045. These goals apply to SCE and other electricity retailers. As electricity retailers reach these goals, emissions from end-user electricity use will decrease from current emission estimates.

Vehicle Miles Traveled and Fuel Consumption

Transportation energy use depends on the type and number of trips, vehicle miles traveled (VMT), fuel efficiency of vehicles, and travel mode. Transportation energy used during operation of the site would come from resident and visitor vehicles that would typically use diesel fuel and/or gasoline, although some vehicles may be electric cars or hybrids. The use of energy resources by these vehicles would be temporary and would fluctuate throughout the lifespan of the project. The Traffic Impact Assessment (see Appendix D-a) shows that the proposed project would generate 1,874 daily trips and a VMT per capita of 12.67 (approximately 2,620 VMT per day). When compared to the City VMT baseline value of 15.75 home-based VMT per capita and the 15.0 percent below baseline significant value of 13.39, impacts would be less than significant because the proposed project would not generate substantial daily trips.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less Than Significant Impact. The City of South El Monte is in SCAG's 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), a long-range plan that balances future mobility and housing needs with economic, environmental, and public health goals.

The RTP/SCS sets forth a development pattern for the region, which, when integrated with the transportation network and other transportation measures and policies, would reduce GHG emissions from transportation (excluding goods movement). The RTP/SCS is meant to provide individual jurisdictions with growth strategies that, when taken together, achieve the regional GHG emissions reduction targets. Specifically, the SCS distributes growth forecast data to transportation analysis zones for the purpose of modeling performance. The City of South El Monte has an Energy Action Plan that identifies the City's long-term vision and commitment to achieve energy efficiency in the community and in government operations (SGVEWP 2012). Additionally, development on the site would be subject to 2019 Title 24, Part 6 Standards, which set standards to improve energy efficiency of newly constructed buildings. Additionally, all contractors and waste haulers are required to comply with the Countywide Integrated Waste Management Plan and divert a minimum of 50.0 percent of waste project materials from disposal. Therefore, the proposed project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Impacts would be less than significant.

3.7 GEOLOGY AND SOILS

The analysis in this section is based in part on the following technical studies:

- *Geotechnical Investigation,* RMA GeoScience, September 1, 2020 (Appendix E)
- *Cultural and Paleontological Resources Assessment for the Starlite Residential Project,* Cogstone, May 2021 (Appendix C)

Would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X	
ii) Strong seismic ground shaking?			X	
iii) Seismic-related ground failure, including liquefaction?		X		
iv) Landslides?			X	
b) Result in substantial soil erosion or the loss of topsoil?			X	
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			X	
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?			X	
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		X		

a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Less Than Significant Impact. According to the Geotechnical Report, the project site is not within an Alquist-Priolo Earthquake Fault Zone, and there are no known active faults on or immediately adjacent to the project site (RMA 2020; Appendix E). Therefore, impacts would be less than significant.

ii) Strong seismic ground shaking?

Less Than Significant Impact. As with the rest of southern California, the project site is near faults that could cause moderate to intense ground shaking during the lifetime of the proposed project. The closest

zoned fault is the East Montebello fault zone, about 1.35 miles southwest of the site. The project site is at no greater risk for seismic activity than the surrounding development and infrastructure. All future development would be built to adhere to the most current California Building Code (CBC), which provides minimum standards to protect property and public welfare by regulating design and construction to mitigate the effects of seismic shaking and adverse soil conditions. Compliance with the standards of the most current CBC would reduce impacts from ground shaking to a less than significant level.

iii) Seismic-related ground failure, including liquefaction?

Less Than Significant Impact With Mitigation Incorporated. Liquefaction refers to loose, saturated sand or gravel deposits that lose their load supporting capability when subjected to intense shaking. The project site lies within a "Zone of Required Investigation for Liquefaction." Static groundwater was encountered at a depth of approximately 53 feet below ground level. However, according to the California Division of Mines and Geology Seismic Hazard Zone Report for El Monte Quadrangle, the historical high groundwater table is approximately five feet below grade. The Geotechnical Report ran a model using the site lithology and the historical high groundwater table of five feet below grade and found that much of the site soils are liquefiable during an earthquake if groundwater was to rise to historical levels. Implementation of Mitigation Measure GEO-1 would reduce liquefaction impacts to a less than significant level.

The Geotechnical Report anticipates that total settlement (static and seismic) would be less than 3 inches, with differential settlement (static and seismic) of less than 1.5 inches in a 40-foot span. The Geotechnical Report states that over-excavation would occur; that these areas must be satisfactory for the support of fills; and that soils must be compacted to at least 90.0 percent relative compaction. Given the recommendations of the Geotechnical Report and the requirements of the California Building Code structural measures, total settlement would be less than significant.

Mitigation Measure

GEO-1 Once submitted, a qualified geotechnical professional shall review formal plans for site development and update/refine recommendations included in the Geotechnical Report, as appropriate. Additional site-specific data shall be used, if needed, to create an appropriate foundation design for all structures that mitigates the potential liquefaction conditions in accordance with the California Building Code and City of South El Monte building standards.

iv) Landslides?

Less Than Significant Impact. According to the California Geological Survey Seismic Hazard Zones Map of the El Monte Quadrangle, the project site does not lie in a landslide hazard zone. Since the site is relatively flat, earthquake-induced landslides would not be a hazard to the proposed project. Therefore, impacts would be less than significant.

b) Result in substantial soil erosion or the loss of topsoil?

Less Than Significant Impact. Erosion is a normal and inevitable geologic process where earthen materials are loosened, worn away, decomposed, or dissolved; removed from one place; and transported to another. Development under the proposed project would implement structural and nonstructural best management practices (BMPs) before and during construction to control surface runoff and erosion to retain sediment on the project site. Additionally, since this project involves clearing, grading, or excavation that causes soil disturbance of one or more acres, it is subject to the provisions of the National Pollutant Discharge Elimination System (NPDES) State General Permit. Furthermore, the proposed project would be required to prepare and comply with an approved Storm Water Pollution Prevention Plan (SWPPP) that provides a schedule for the implementation and maintenance of erosion control measures and a description of the erosion control practices, including appropriate design details and a time schedule. The SWPPP would consider the full range of erosion control BMPs, including any additional site-specific and seasonal conditions. The State General Permit also requires that those implementing SWPPPs meet prerequisite qualifications that would demonstrate the skills, knowledge, and experience necessary to implement such plans. NPDES requirements would significantly reduce the potential for substantial erosion of topsoil to occur in association with new development. Once the project is constructed, soil erosion would be controlled with improvements installed on the project site. Therefore, impacts would be less than significant.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

Less Than Significant Impact With Mitigation Incorporated. As discussed in question 3.7.a(iv), the project site is not in a landslide hazard zone; impacts would be less than significant. Lateral spreading is a phenomenon where large blocks of intact, nonliquefied soil move downslope on a large liquefied substratum. The mass moves toward an unconfined area, such as a descending slope or stream-cut bluff, and has been known to move on slope gradients as little as one degree. The project site is relatively flat, and impacts would be less than significant. Moreover, subsidence of basins attributed to overdraft groundwater aquifers or overpumping of petroleum reserves has been reported in various parts of southern California. Because static groundwater was encountered at a depth of 53 feet, the probability of collapse, or subsidence is low.

Implementation of the CBC and other related construction standards apply seismic requirements and address certain grading activities. The CBC includes common engineering practices requiring special design and construction methods that reduce or eliminate potential impacts related to unstable soils. Compliance with CBC regulations and Mitigation Measure GEO-1 would ensure impacts are less than significant.

d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Less Than Significant Impact. Expansive soils swell when they become wet and shrink when they dry out, and result in the potential for cracked building foundations. According to the Geotechnical Report, the soils at shallow depths are expected to have an expansion index in the very low range. Therefore, impacts would be less than significant.

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e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. Future development under the proposed project would not require the installation of septic tanks or alternative wastewater disposal system, but would utilize the local sewer system. Therefore, no impact would occur.

f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant Impact With Mitigation Incorporated. According to the cultural resources report, no recorded paleontological localities producing vertebrate fossils were found within the project site or within a mile radius of the project site. However, the Natural History Museum of Los Angeles County records localities near the project site with the same or similar sedimentary deposits (Cogstone 2021; Appendix C-a). The closest locality the museum has recorded is approximately 5.5 miles west of the project site, which produced a fossil of an extinct horse. Based upon records of fossils found in similar sediments nearby, no paleontological monitoring is recommended for the mass excavations. Drilling or pile-driving activities, regardless of depth, have a low potential to produce fossils meeting the significance criteria because any fossils brought up by the auger during drilling would not have information about formation, depth, or context (Cogstone 2021). The only instance in which such fossils would meet significance criteria is if the fossil is a species new to the region. Regardless, Mitigation Measure GEO-2 and Mitigation Measure GEO-3 would be implemented to reduce potential impacts to unanticipated discoveries to less than significant.

Mitigation Measures

GEO-2 If unanticipated fossil discoveries are made, all work must halt within 50 feet until a qualified paleontologist can evaluate the find and determine the appropriate disposition of the resource. Work may resume immediately outside of the 50-foot radius.

GEO-3 Prior to the beginning of ground disturbances, a qualified paleontologist shall provide a short Worker Environmental Awareness Program training presentation t to all construction staff. This presenter may be the same specialist specified in MM CUL-4 if that presenter meets both the archaeologist (see MM CUL-3) and paleontologist qualification requirement. This presentation will inform construction personnel what paleontological resources may be uncovered during the ground-disturbing phases of the project and what to do in case of a find.

3.8 GREENHOUSE GAS EMISSIONS

Scientists have concluded that human activities are contributing to global climate change by adding large amounts of heat-trapping gases, known as greenhouse gases (GHGs), into the atmosphere. The primary source of these GHG is fossil fuel use. The Intergovernmental Panel on Climate Change has identified four major GHGs—water vapor, carbon dioxide (CO_2), methane (CH_4), and ozone (O_3)—that are the likely cause of an increase in global average temperatures observed in the 20th and 21st centuries. Other GHGs identified by the

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Intergovernmental Panel that contribute to global warming to a lesser extent include nitrous oxide (N_2O), sulfur hexafluoride (SF_6), hydrofluorocarbons, perfluorocarbons, and chlorofluorocarbons.[2]

Information on manufacture of cement, steel, and other "life cycle" emissions that would occur as a result of the project are not applicable and are not included in the analysis.[3] Black carbon emissions are not included in the GHG analysis because the California Air Resources Board (CARB) does not include this short-lived climate pollutant in the state's Senate Bill 32 (SB 32) inventory but treats it separately.[4] A background discussion on the GHG regulatory setting and GHG modeling is in Appendix B to this Initial Study.

Would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less Than Significant Impact. Global climate change is not confined to a particular project area and is generally accepted as the consequence of global industrialization over the last 200 years. A typical project, even a very large one, does not generate enough GHG emissions on its own to influence global climate change significantly; hence, the issue of global climate change is, by definition, a cumulative environmental impact.

Project-related GHG emissions are shown in Table 7, *Project-Related GHG Emissions*. Implementation of the proposed project would result in 207 new residential units. The proposed project would generate 1,874 weekday

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[2] Water vapor (H_2O) is the strongest GHG and the most variable in its phases (vapor, cloud droplets, ice crystals). However, water vapor is not considered a pollutant, but part of the feedback loop rather than a primary cause of change.

[3] Life cycle emissions include indirect emissions associated with materials manufacture. However, these indirect emissions involve numerous parties, each of which is responsible for GHG emissions of their particular activity. The California Resources Agency, in adopting the CEQA Guidelines Amendments on GHG emissions found that lifecycle analyses was not warranted for project-specific CEQA analysis in most situations, for a variety of reasons, including lack of control over some sources, and the possibility of double-counting emissions (CNRA 2018). Because the amount of materials consumed during the operation or construction of the proposed project is not known, the origin of the raw materials purchased is not known, and manufacturing information for those raw materials are also not known, calculation of life cycle emissions would be speculative. A life-cycle analysis is not warranted (OPR 2008).

[4] Particulate matter emissions, which include black carbon, are analyzed in Section 3.3, Air Quality. Black carbon emissions have sharply declined due to efforts to reduce on-road and off-road vehicle emissions, especially diesel particulate matter. The state's existing air quality policies will virtually eliminate black carbon emissions from on-road diesel engines within 10 years (CARB 2017a.).

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vehicle trips, 1,922 Saturday vehicle trips, and 1,684 Sunday vehicle trips. Furthermore, operation of the proposed project would result in an increase in water demand, wastewater and solid waste generation, area sources (e.g., consumer cleaning products), and energy usage (i.e., natural gas and electricity). Annual average construction emissions were amortized over 30 years and included in the emissions inventory to account for one-time GHG emissions from the construction phase of the project. Overall, development and operation of the proposed project would not generate annual emissions that exceed the South Coast AQMD bright-line threshold equivalent to 3,000 metric tons of carbon dioxide ($MTCO_2e$) per year (South Coast AQMD 2010). Therefore, the proposed project's cumulative contribution to GHG emissions would be less than significant.

Table 7 Project-Related GHG Emissions

Source	GHG ($MTCO_2e$/Year)
Area	4
Energy	648
Mobile (Vehicle Trips)	1,319
Solid Waste	163
Water	57
Amortized Construction Emissions[1]	17
Total	2,207
South Coast AQMD Bright-Line Threshold	3,000 $MTCO_2e$/Yr
Exceeds Bright-Line Threshold?	No

Source: CalEEMod, Version 2016.3.2.25.
Notes: MTons = metric tons; $MTCO_2e$ = equivalent to a metric ton of carbon dioxide
[1] Total construction emission are amortized over 30 years per South Coast AQMD methodology.

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

No Impact. Applicable plans adopted for the purpose of reducing GHG emissions include CARB's Scoping Plan and SCAG's RTP/SCS. A consistency analysis with these plans is presented below.

CARB Scoping Plan

On December 24, 2017, CARB adopted the Final 2017 Climate Change Scoping Plan Update (Scoping Plan) to address the 2030 interim target to achieve a 40.0 percent reduction below 1990 levels by 2030, established by SB 32 (CARB 2017c). The CARB Scoping Plan is applicable to state agencies and is not directly applicable to cities/counties and individual projects. Nonetheless, the Scoping Plan has been the primary tool used to develop performance-based and efficiency-based CEQA criteria and GHG reduction targets for climate action planning efforts.

Since adoption of the 2008 Scoping Plan, which was adopted to achieve the GHG reduction goals of Assembly Bill 32 (AB 32), state agencies have adopted programs identified in the plan, and the legislature has passed additional legislation to achieve the GHG reduction targets. Statewide strategies to reduce GHG emissions include the Low Carbon Fuel Standard, California Appliance Energy Efficiency regulations, California

Renewable Energy Portfolio standard, changes in the Corporate Average Fuel Economy standards, and other early action measures as necessary to ensure the state is on target to achieve the GHG emissions reduction goals of AB 32 and SB 32. Also, new buildings are required to comply with the latest applicable Building Energy Efficiency Standards and CALGreen. Though measures in the Scoping Plan apply to state agencies and not the proposed project, the project's GHG emissions would be reduced by statewide compliance with measures that have been adopted since AB 32 and SB 32 were adopted. Therefore, the proposed project would not obstruct implementation of the CARB Scoping Plan, and impacts would be less than significant.

SCAG's Regional Transportation Plan/Sustainable Communities Strategy

SCAG adopted the 2020-2045 RTP/SCS (Connect SoCal) in September 2020. Connect SoCal identifies that land use strategies that focus on new housing and job growth in areas rich with destinations and mobility options are consistent with a land use development pattern that supports and complements the proposed transportation network. The overarching strategy in Connect SoCal is to plan for the southern California region to grow in more compact communities in transit priority areas and priority growth areas; provide neighborhoods with efficient and plentiful public transit; establish abundant and safe opportunities to walk, bike, and pursue other forms of active transportation; and preserve more of the region's remaining natural lands and farmlands (SCAG 2020). Connect SoCal's transportation projects help more efficiently distribute population, housing, and employment growth, and forecast development is generally consistent with regional-level general plan data to promote active transportation and reduce GHG emissions. The projected regional development, when integrated with the proposed regional transportation network in Connect SoCal, would reduce per-capita GHG emissions related to vehicular travel and achieve the GHG reduction per capita targets for the SCAG region.

The Connect SoCal Plan does not require that local general plans, specific plans, or zoning be consistent with the SCS, but provides incentives for consistency to governments and developers. The proposed project is a residential development project that would provide new single-family and multifamily housing on an infill site that is served by transit, which would contribute to reducing the VMT per capita between residential and service needs. Therefore, the proposed project would not interfere with SCAG's ability to implement the regional strategies outlined in Connect SoCal, and impacts would be less than significant.\

3.9 HAZARDS AND HAZARDOUS MATERIALS

The analysis in this section is based in part on the following technical study:

- *Phase I Environmental Site Assessment and Limited Subsurface Assessment,* Stantec, October 12, 2021 (Appendix F)

Historic and Current Site Conditions

As shown in Figure 3, *Aerial Photograph*, the project site is paved and vacant except for a structure at the northeast corner of the site. Prior to COVID-19, the site was used on weekends for swap meets. The project site was historically used as agricultural land dating back to 1928. By 1938 a dairy appeared to have been developed on the western portion of the site, and residences were developed on the eastern portion. By 1952 the western

3. Environmental Analysis

portion of the site was redeveloped with a drive-in theater, and by 1972 the eastern portion of the site was redeveloped with two commercial structures and two large parking lots. By 1989 two of the three residences at the site were demolished, and in 2002 the screen of the drive-in theater was removed. In March 2021, the convenience store, snack shop, maintenance building and asphalted areas associated with the drive-in theater were demolished (see Figure 14, *Approximate Area of Stained and Odorous Soils*).

Methane Investigation

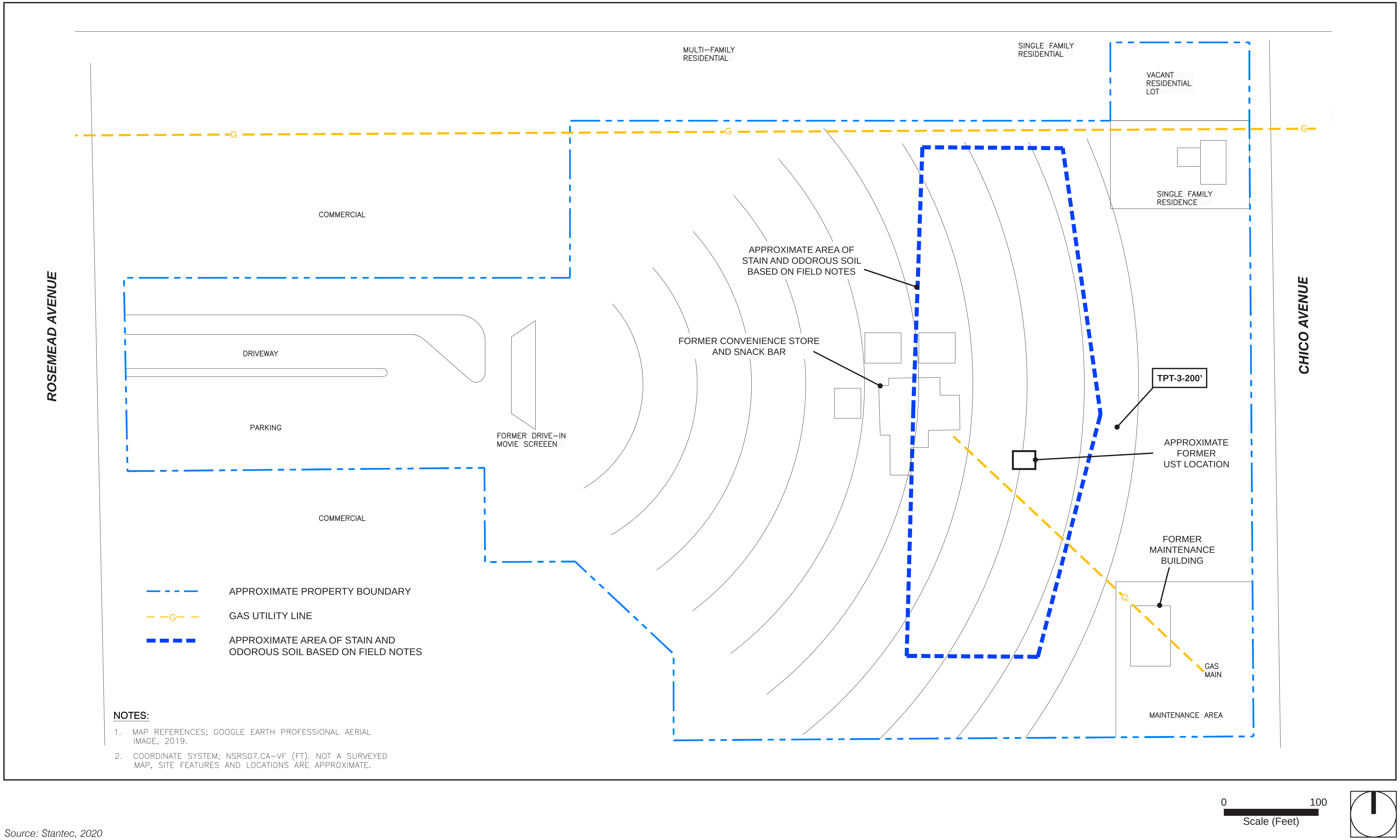
In August and September 2015, Hillmann Consulting conducted subsurface investigations, which included the installation of 15 soil vapor probes across the project site. Results of this subsurface assessment detected elevated concentrations of methane in the east-central portion of the site. Hillmann detected elevated concentrations of methane at several locations, with the maximum concentration detected at 620,000 parts per million by volume (ppmv). The source of the elevated methane was not determined during this assessment, and the concentrations of methane indicated a risk for accumulation under any proposed buildings.

In June 2018 Fulcrum Resources Environmental (FRE) further investigated the presence of methane on the property. FRE reported concentrations of methane ranging from less than 10 to a peak level of 235,000 ppmv in the eastern portion of the site. The elevated concentration of methane detected in the subsurface appeared to be near a gas pipeline leading from the maintenance building to the snack shop (see Figure 14, *Approximate Area of Stained and Odorous Soils*). Following the June 2018 investigation, SoCalGas closed and locked out the gas pipeline valve at the maintenance building, terminating gas service to the snack shop.

Stantec completed a Phase I Environmental Site Assessment (ESA) and limited subsurface assessment between July 16 and 24, 2020, to further assess possible methane contamination on the project site. Upon confirmation that the SoCalGas service line was still closed and locked out since 2018, Stantec installed soil vapor probes at six locations near the gas pipeline. The methane concentrations in these probes ranged from 7,000 ppmv to 66,000 ppmv. The reported concentrations showed a decrease since detection by Hillmann in 2015 and FRE in 2018. However, the concentrations detected by Stantec were still a concern to site development for residential purposes. No methane concentrations were detected in the western, southeast, or northeast parts of the site. The area with elevated methane in the soil appeared to be limited to the east-central area, centered between the former snack bar, the former maintenance building, and the northeast corner of the property.

At the completion of demolition activities in March 2021, Stantec installed soil vapor probes throughout the east-central area to evaluate the remaining methane concentrations at the site. Over the span of four months, between March and July 2021, methane concentrations decreased from a high of 55,000 ppmv to less than the reporting limit in all post-demolition soil vapor probes across the east-central area of the property. Methane concentrations experienced a decreasing trend after demolition of the asphalt cover and a three-inch-thick concrete layer two to three feet below ground surface (bgs). Based on the results of a combustible gas survey completed at the east-central area in July 2021 and the prior methane readings in the soil vapor probes in the remaining areas of the property, no further assessment regarding methane would be required.

Figure 14 - Approximate Area of Stained and Odorous Soils



Source: Stantec, 2020

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Underground Storage Tank

On March 16, 2021, during the removal of the three-inch-thick concrete layer from the east-central area of the property an abandoned underground storage tank (UST) was discovered northeast of the natural gas line (see Figure 14, *Approximate Area of Stained and Odorous Soils*). Soil samples were collected at both ends of the UST and analyzed for total petroleum hydrocarbon (TPH) and volatile organic compounds (VOC). No TPHs were detected, and trace amounts of VOCs were reported. The reported VOCs were orders of magnitude below their corresponding residential screening limits (RSL). Given that the UST was completely empty, and the recent soil sample result collected directly below the tank indicated no release had occurred that exceeded current cleanup requirements, the City of South El Monte approved removal of the UST under the existing demolition permit on April 19, 2021. No additional investigation or assessment pertaining to the UST was required by the City of South El Monte.

Total Petroleum Hydrocarbons, Metals, and Volatile Organic Compounds in Soils

Hillman's subsurface investigation included 26 soil borings on the project site. No significant concentrations of petroleum hydrocarbons were detected in the soil matrix samples and, other than arsenic, concentrations of metals in soil appear to represent expected background levels. Although arsenic was detected at a concentration of 8.2 milligrams per kilogram (mg/kg), this is below the generally accepted statistically derived background for arsenic (12 mg/kg) accepted by the California Department of Toxic Substances Control (DTSC) for school sites. Therefore, metals and total petroleum hydrocarbons were not identified as contaminants of concern.

In July 2020, trenching and test pit activities were performed by Stantec in the east-central area of the property where the natural gas line was reported and where areas of visibly stained and odorous soil were present (see Figure 14, *Approximate Area of Stained and Odorous Soils*). Soil samples were analyzed for TPHs and VOCs. No detection of TPH as gasoline or VOCs were detected above the laboratory reporting limits, with the exception of one de minimus area with TPH as diesel and oil slightly above the environmental screening level for residential land use in soil sample TPT-3-200' (see Figure 14, *Approximate Area of Stained and Odorous Soils*).

Historical Agricultural Use

Soil samples on site were analyzed by Stantec for organochlorine pesticides (OCP) that could have been used when the site operated as agricultural land. OCPs were detected at minor concentrations that are below their respective RSLs. Additionally, all detected metal concentrations were within typical naturally occurring California background concentration ranges. Based on the composite soil samples results, historical agricultural use would not represent an environmental concern, and no further investigation is warranted related to this issue.

Groundwater Superfund Plume and Offsite Environmental Concerns

The project site lies within the San Gabriel Valley Regional Groundwater Superfund plume. The groundwater in this area is contaminated with elevated levels of tetrachloroethene (PCE), trichloroethene (TCE), carbon tetrachloride (CTC), and other VOCs from multiple point sources in the San Gabriel Valley. Because groundwater at the project site was reported at 53 feet bgs, Stantec analyzed soil vapor samples for VOCs.

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Minor concentrations of VOCs were detected, including TCE and PCE concentrations, below DTSC's RSL for soil vapor and with an attenuation factor of 0.001.

Additionally, Stantec assessed data presented in the environmental agency database search report to evaluate adjacent and nearby potential recognized environmental conditions (REC).[5] Based on this evaluation, the most likely RECs near the proposed site are shown in Table 8, *Nearby Potential Recognized Environmental Conditions*. However, the VOC results from the on-site investigation showed that none of these sites have an impact on the proposed project.

Table 8 Nearby Potential Recognized Environmental Conditions

Facility Name	Distance/Direction from the Project Site	Potential Recognized Environmental Conditions
Bright-Way Laundry 2622 Chico Avenue El Monte, CA 91733	Approximately 265 feet/ northeast	The former dry cleaners at this site included a registered waste UST that is currently out of service. A prior release from this UST could represent an environmental concern if the land use on the project site were to change to residential. However, the low levels of detected VOC concentrations in soil vapor show that there are no impacts from this UST.
Eldon Drapery Cleaners 2461 Chico Avenue El Monte, CA 91733	Approximately 100 feet/ southeast	No releases have been reported for this facility. However, the dry cleaners could be an environmental concern due to the potential for unknown releases to have occurred that would present a potential vapor migration issue at the proposed site. The low levels of detected VOC concentrations in soil vapor at the project site show that there are no impacts from this facility.
Champ Corp. 2500 Rosemead Blvd El Monte, CA 91733	Approximately 315 feet/ west-southwest	This site is listed for a release of gasoline to soil. No information regarding remedial activities is provided. However, the Regional Water Quality Control Board (RWQCB) issued closure for this release on June 18, 1996. Although the impact appears to be to the soil only, no soil vapor data or samples have been collected along the property boundary. Given the low levels of detected VOC concentrations in soil vapor at the project site, there are no impacts from this facility.

[5] A recognized environmental condition (an REC) is "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

3. Environmental Analysis

Table 8 Nearby Potential Recognized Environmental Conditions

Facility Name	Distance/Direction from the Project Site	Potential Recognized Environmental Conditions
General Enameling Co. 2463 Chico Ave American General Bus 2430 Chico Avenue Raypack, Inc 2416 Chico Avenue Monterey Caskett Co. 2404 Chico Ave M&T 2500 Rosemead Blvd Hooter Bros Enamelin 2460 Rosemead Blvd Silver Streak Traile 2319 Chico Ave Hyde Engineering 2428 Rosemead Blvd	< 1/8 mile southeast and southwest	Each of the eight facilities listed have reported a release of chlorinated solvents that affected groundwater below their respective properties. Of the eight listings, four have received case closure from the RWQCB. Two of the listed facilities, M&T and Hooter Bros Enamelin are located adjacent to the southwest of the property. The remaining facilities are located further to the southwest and southeast but are at a density such that combined effects of these releases could present a vapor migration potential. Stantec initially identified this facility as an REC due to the potential for elevated soil vapor concentrations to exist beneath the project site. That issue no longer appears to be a concern, given the low levels of detected VOC concentrations in soil vapor at the property.

Source: Stantec, 2021.

Would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?		X		
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			X	

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Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code § 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?			X	
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?			X	

a) Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?

Less Than Significant Impact. Project construction would require small amounts of hazardous materials, including fuels, greases and other lubricants, and coatings such as paint. The handling, use, transport, and disposal of hazardous materials during the construction phase of the project would comply with existing regulations of several agencies—the EPA, the Los Angeles County Environmental Health Division, Occupational Safety and Health Administration, California Division of Occupational Safety and Health, and the US Department of Transportation.

Based on the age of the existing structure onsite, it is possible that asbestos-containing materials and lead-based paint are present in the building's materials.. Project-related demolition activities that have the potential to expose construction workers and/or the public to asbestos or lead would be conducted in accordance with applicable regulations, which would ensure impacts would be less than significant, including, but not limited to:

- South Coast Air Quality Management District's Rule 1403
- California Health and Safety Code (Section 39650 et seq.)
- California Code of Regulations (Title 8, Section 1529)
- California Occupational Safety and Health Administration Regulations (California Code of Regulations, Title 8, Section 1529 [Asbestos] and Section 1532.1 [Lead])
- Code of Federal Regulations (Title 40, Part 61 [asbestos], Title 40, Part 763 [asbestos], and Title 29, Part 1926 [asbestos and lead])

Compliance with these regulations would mitigate the potential of hazardous materials that may be present in the existing structure.

The proposed project would operate as residential uses. Project maintenance may require the use of cleaners, solvents, paints, and other custodial products that are potentially hazardous. These materials would be used in relatively small quantities, clearly labeled, and stored in compliance with state and federal requirements. Moreover, the residents living in the proposed project may also use such products. With the exercise of normal safety practices, the proposed project would not create substantial hazards to the public or the environment and impacts would be less than significant.

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less Than Significant Impact With Mitigation Incorporated. During demolition activities in March 2021, an abandoned UST was discovered northeast of the natural gas line. Even though no additional investigation or assessment was required by the City of South El Monte, there is a possibility to encounter another UST on-site during the construction phase, which could create an accidental release of hazardous material that would create a hazard to construction workers and the environment. However, with the implementation of mitigation measure HAZ-1, impacts would be reduced to a less than significant.

Additionally, visibly stained and odorous soil is present on site as shown in Figure 14, *Approximate Area of Stained and Odorous Soils*. TPH as diesel and oil were detected above the environmental screening level for residential land use in one sample collected from this area. Potential impacts to construction workers and the environment could occur as a result of excavation and handling of these on-site soils. Additionally, future residents could be impacted by soils containing residual levels of TPH that are not properly identified, monitored, and managed. However, with the implementation of Mitigation Measure HAZ-1, impacts would be reduced to a less than significant level.

The project site also lies within the San Gabriel Valley Regional Groundwater Superfund plume and could be contaminated with VOCs from past use of the land. Although soil vapor samples from the project site showed minor concentrations of VOCs, elevated soil vapor concentrations could still impact residential units on the site; Mitigation Measure HAZ-2 would reduce impacts to less than significant.

Furthermore, strict adherence to all emergency response plan requirements by the Los Angeles County Fire Department would be required throughout the duration of the project. In the event of a hazardous materials spill of greater amount or toxicity than on-site personnel could safely contain and clean up, assistance would be requested from the LACFD hazmat team.

Therefore, compliance with applicable laws and regulations and mitigation measures HAZ-1 and HAZ 2 would ensure that impacts would be less than significant.

Mitigation Measures

HAZ-1 Prior to the issuance of a grading permit, the project applicant shall retain a qualified environmental consultant to prepare a Soil Management Plan (SMP). The SMP shall be

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distributed to all grading contractors and must be kept on site during grading activities. The SMP shall include the following:

- Procedures and protocols should another underground storage tank (UST) be encountered during grading. Requirements detailed in the SMP shall be in accordance with the requirements of the Los Angeles County Public Works' UST Program.
- Procedures and protocols for onsite management of soils to ensure that soils containing residual levels of Total Petroleum Hydrocarbons (TPH) are properly identified, monitored, and managed on-site. Requirements shall include the following:
  - A certified hazardous waste hauler shall remove all subsurface materials identified in the Phase I Environmental Assessment Report as being contaminated with TPH above the Environmental Screening Levels (ESLs) for residential land. In addition, sampling of soil shall be conducted during excavation to ensure that all TPH impacted soils are removed, and that ESLs for residential uses are not exceeded. Excavation confirmation samples should be collected from the bottom and sidewalls of each excavation at a frequency of one sample every 25 feet. Confirmation soil samples should be collected into laboratory supplied clean, glass jars directly from the bottom and sidewall or from the excavator bucket. Samples should be sealed, labeled, and placed on ice for transportation under proper chain-of-custody to a California state-certified laboratory for analysis of TPH by USEPA Methods 8015M. Excavated materials shall be transported per California Hazardous Waste Regulations to a landfill permitted by the State to accept hazardous materials.
  - The SMP shall include a Health and Safety Plan (HSP) that addresses potential safety and health hazards and includes the requirements and procedures for employee protection; each contractor shall be required to have their own HSP tailored to their particular trade that addresses the general project safety requirements. The HSP shall also outline proper soil handling procedures and health and safety requirements to minimize worker and public exposure to hazardous materials during construction.
  - The SMP shall be prepared and executed in accordance with South Coast Air Quality Management District (SCAQMD) Rule 1166, Volatile Organic Compound (VOCs) Emissions from Decontamination of Soil. The SMP shall require the timely testing and sampling of soils so that contaminated soils can be separated from inert soils for proper disposal. The SMP shall specify the testing parameters and sampling frequency. Anticipated testing includes screening excavated soils for VOS. During excavation, Rule 1166 requires that soils identified as contaminated shall be sprayed with water or another approved vapor suppressant or covered with sheeting during periods of inactivity of greater than an hour, to prevent contaminated soils from becoming airborne. Under Rule 1166, contaminated soils shall be transported from the project site by a licensed transporter and disposed of at a licensed storage/treatment facility to prevent contaminated soils from becoming airborne or otherwise released into the environment.

- All SMP measures shall be printed and distributed to all grading contractors and must be kept on site during grading activities prior to beginning any grading activities.

HAZ-2 Because on-site soils could be contaminated with residual VOCs from past use of the land, installation of a passive soil vapor barrier shall be required. Prior to the issuance of a building permit, the project applicant shall retain a qualified environmental consultant to design a passive vapor barrier that further mitigates vapor intrusion risk from residual VOC impacts at the site. The vapor barrier design shall be distributed to all construction contractors and must be kept on site during construction activities. The passive vapor barrier design shall include the following:

- A multi-layer composite membrane that extends continuously beneath the floor slab of each building and is sealed against all utilities and other penetrations.
- The associated ventilation system beneath the foundation of each building.
- The passive ventilation system which shall include perforated collection vents embedded in a layer of sand beneath the multi-layer composite membrane. The collection vents shall connect to non-perforated vent riser that extent outlets at the roof of the building.
- For each soil boring, soil and soil gas samples shall be collected at depths of 5 and 10 feet below ground surface (bgs).
- A land use covenant e recorded on title to the site to prohibit any disturbance of the vapor barriers.

Upon completion of Mitigation Measure HAZ-2 and prior to the issuance of a Permit to Occupy, the City shall require a report with a no further action determination be submitted from a qualified environmental consultant. This can be determined in the following way:

- Upon completion of Mitigation Measure HAZ-2, a Remedial Action Completion Report (RACR) by a qualified environmental engineer is prepared documenting that all of the remedial measures in Mitigation Measure HAZ-2 have been successfully completed.

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Less Than Significant Impact With Mitigation Incorporated. The proposed project is within a quarter mile of Potrero Elementary School. Operation of the proposed project would not result in the release of hazardous emissions. No significant hazardous materials, substances, or wastes would be transported, used, or disposed of in conjunction with the proposed project's operation. The on-site use of hazardous materials at the project site would be restricted to cleaning solvents and paints used by facilities maintenance staff and cleaning solvents used by residents of the proposed project. The materials used by facilities maintenance staff would be used in small quantities and stored in compliance with state and federal requirements.

However, potential VOC hazards associated with the project site could impact students and staff at the Potrero Elementary School. Mitigation measure HAZ-2 would address residual VOCs on the site and outline how risks would be managed during site redevelopment if VOCs exceed relevant screening levels. Therefore, with the implementation of these mitigation measures, impacts would be less than significant.

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d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

No Impact. A regulatory database record search was conducted as part of the Phase I Environmental Assessment report prepared for the proposed project (see Appendix F) in accordance with Government code Section 65962.5. The project site was not listed on any of the regulatory databases searched. Therefore, No impact would occur and no mitigation measures are necessary.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles or a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact. The San Gabriel Valley Airport (formerly known as the El Monte Airport) in the City of El Monte is approximately 2 miles northeast of the project site. The El Monte Airport Master Plan Report shows the airport's 60 CNEL noise contour does not extend to the project site. Additionally, Figure 15, *San Gabriel Valley Airport Safety Zones,* shows that the City of South El Monte is not within the San Grabriel Airport safety hazard zones. Workers or people residing in the project area would not be exposed to excessive airport noise or safety hazards. Therefore, no impact would occur.

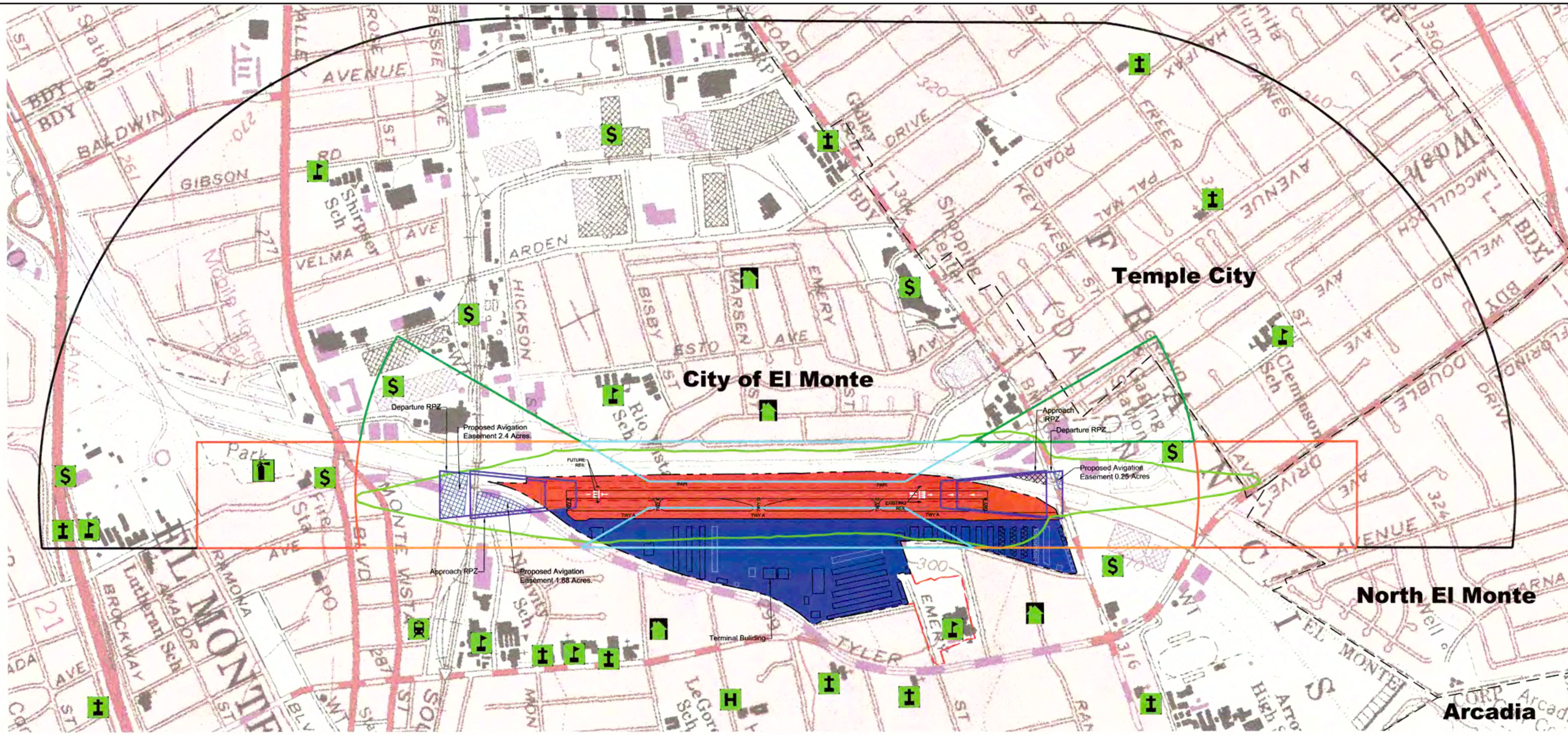
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less Than Significant Impact. The proposed project would not conflict with adopted emergency response or evacuation plans. The surrounding roadways would continue to provide access to the project site and surrounding properties during construction and post-construction. The existing driveway at Rosemead Boulevard would not be altered, and a new driveway would be constructed on Chico Street that would be designed to meet standards and specifications to allow ambulance and fire vehicle access. The County of Los Angeles Fire Department reviewed the project plans and recommended clearance with the incorporation of conditions of approval which pertain to access and water system requirements (see Appendix I). Additionally, the project applicant would include a knox box onsite for emergency access. With the incorporation of the Fire Department's conditions of approval and project features, the proposed project would not result in inadequate emergency access, and impacts to adopted emergency response and evacuation plans are less than significant.

g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

Less Than Significant Impact. According to the California Department of Forestry and Fire Protection's Fire and Resource Assessment Program (CAL FIRE FRAP), the project area is not in a Very High Fire Hazard Severity Zone (FHSZ) (CAL FIRE 2021). The site is in a built-out portion of the city. Therefore, impacts of exposing project occupants to pollutant concentrations from or exacerbating a wildfire would be less than significant.

Figure 15 - San Gabriel Valley Airport Safety Zones



NOTES:

1. According to LA County Zoning Maps the land located adjacent to the airport property are classified as "Residential / Commercial".
2. Existing acreage shown.
3. Source of Safety Zone data: California Airport Land Use Planning Handbook, October 2011.
4. Basemap Image: Digital Raster Graph Mosaic of Los Angeles County, California, U.S. Department of Agriculture, 3/25/2002.
5. Basic Caltrans safety zones were applied, except as noted in Note 6. Further modifications may be required by the land use commission as part of a land use study.
6. A single-sided traffic pattern at San Gabriel Valley Airport was applied, which affected Zones 3 and 6. Additionally, both approach and departure RPZs are included in Caltrans Safety Zone 1 (RPZ).

SYMBOL KEY

- Places of Worship
- Hospital
- Shopping/Commercial
- Schools
- Train Station
- Fire Station
- Residential

LEGEND

DESCRIPTION	ACRES[2]	EXISTING	FUTURE
AIRPORT BOUNDARY	103.3		
RUNWAY SAFETY AREA	12.2		SAME
RUNWAY OBJECT FREE AREA	24.6		SAME
65 DBL NOISE CONTOUR	N/A		SAME
AVIGATION EASEMENT	0.5		
BUILDINGS	N/A		
AIRCRAFT OPERATING AREA (AOA)	47.2		SAME
APRON/NON-MOVEMENT AREA	56.1		SAME
CALTRANS SAFETY ZONE 1 (RPZ)	8.0		SAME
CALTRANS SAFETY ZONE 2 (INNER APP/DEP ZONE)	44.2		SAME
CALTRANS SAFETY ZONE 3 (INNER TURNING ZONE)	50.3		SAME
CALTRANS SAFETY ZONE 4 (OUTER APP/DEP ZONE)	35.1		SAME
CALTRANS SAFETY ZONE 5 (SIDELINE ZONE)	57.4		SAME
CALTRANS SAFETY ZONE 6 (TRAFFIC PATTERN)	686.6		SAME
CITY BOUNDARY	N/A		SAME

0 1,100
Scale (Feet)

Source: AECOM, 2016

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3.10 HYDROLOGY AND WATER QUALITY

The analysis in this section is based partly on the following technical study:

- *Preliminary Hydrology and LID Report*, Forma, March 1, 2021 (Appendix G)

Would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?			X	
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?			X	
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:			X	
i) result in a substantial erosion or siltation on- or off-site;			X	
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;			X	
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or			X	
iv) impede or redirect flood flows?			X	
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			X	
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?				X

a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Less Than Significant Impact. The project site is in the Rio Hondo Watershed, a 142-square-mile subwatershed of the Los Angeles River watershed (CDFW 2021). The upper reaches of the watershed start at the steep terrain of the San Gabriel Mountains, much of which lies within the Angeles National Forest. This natural undeveloped landscape changes below the foothills, and the nature of the watershed is transformed to an urban and largely built-out landscape. This built area includes only a few remaining areas of open space and isolated patches of natural habitat (Arroyo Seco Foundation 2021).

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Water quality in South El Monte is regulated by the Los Angeles Regional Water Quality Control Board (RWQCB) and its water quality control plan (Basin Plan), which contains water quality standards and identifies beneficial uses (wildlife habitat, agricultural supply, fishing, etc.) for receiving waters along with water quality criteria and standards necessary to support these uses consistent with federal and state water quality laws.

Impacts to water quality of receiving waters generally range over three different phases of a development project:

- During the earthwork and construction phase, when the potential for erosion, siltation, and sedimentation would be the greatest.
- Following construction and before the establishment of ground cover, when the erosion potential may remain relatively high.
- Following project completion, when impacts related to sedimentation would decrease markedly, but those associated with urban runoff would increase.

Following is a discussion of the potential water quality impacts resulting from urban runoff that would be generated during the construction and operational phases of the proposed project.

Project Construction

Construction-related runoff pollutants are typically generated from waste and hazardous materials handling or storage areas, outdoor work areas, material storage areas, and general maintenance areas (e.g., vehicle or equipment fueling and maintenance, including washing). The proposed project's construction phase may cause deterioration in the quality of downstream receiving waters if construction-related sediments or pollutants wash into the existing storm drain system and facilities in the area.

Construction-related activities that are primarily responsible for sediment releases are related to exposing previously stabilized soils to potential mobilization by rainfall/runoff and wind. Such activities include removing vegetation from the site, grading the site, and trenching for infrastructure improvements. Environmental factors that affect erosion include topographic, soil, and rainfall characteristics. Non-sediment-related pollutants that are also of concern during construction relate to non-stormwater flows and generally include construction materials (e.g., paint and stucco); chemicals, liquid products, and petroleum products used in building construction or the maintenance of heavy equipment; and concrete and related cutting or curing residues. Construction-related activities of the proposed project would generate pollutants that could adversely affect the water quality of downstream receiving waters if appropriate and effective stormwater and non-stormwater management measures are not used to keep pollutants out of and remove pollutants from urban runoff.

Construction projects of one acre or more are regulated under the Statewide Construction General Permit (CGP), Order No. 2012-0006-DWQ, issued by the State Water Resources Control Board in 2012. Projects obtain coverage by developing and implementing a Stormwater Pollution Prevention Plan (SWPPP), estimating sediment risk from construction activities to receiving waters, and specifying BMPs that would be used by the

project to minimize pollution of stormwater. Categories of BMPs used in SWPPPs are described in Table 9, *Construction Best Management Practices*.

Table 9 Construction Best Management Practices

Category	Purpose	Examples
Erosion Controls	Protects the soil surface and prevents soil particles from being detached by rainfall, flowing water, or wind.	Scheduling, preserving existing conditions, mulch, soil binders, geotextiles, mats, hydroseeding, earth dikes, swales, velocity dissipating devices, slope drains, streambank stabilization, compost blankets, soil preparation/roughening, and non-vegetative stabilization.
Sediment Controls	Traps soil particles after they have been detached and moved by rain, flowing water, or wind.	Barriers such as silt fences, straw bales, sandbags, fiber rolls, and gravel bag berms; sediment basins; sediment traps; check dams; storm drain inlet protection; compost socks and berms; biofilter bags; manufactured linear sediment controls; and cleaning measures such as street sweeping and vacuuming
Wind Erosion Controls	Minimizes dust nuisances.	Applying water or other dust palliatives to prevent or minimize dust nuisance, reducing soil-moving activities during high winds, and installing erosion control BMPs for temporary wind control.
Tracking Controls	Prevents or reduces the tracking of soil offsite by vehicles	Stabilized construction roadways and construction entrances/exits and entrance/outlet tire wash.
Non-Storm Water Management Controls	Prevents pollution by limiting or reducing potential pollutants at their source or eliminating off-site discharge. Prohibits illicit connections or discharges.	Water conservation practices, BMPs specifying methods for: dewatering operations; temporary stream crossings; clear water diversions; pile driving operations; temporary batch plants; demolition adjacent to water; materials over water; potable water and irrigation; paving and grinding operations; cleaning, fueling, and maintenance of vehicles and equipment; concrete curing; concrete finishing.
Waste Management and Controls (i.e., good housekeeping practices)	Management of materials and wastes to avoid contamination of stormwater.	Proper material delivery and storage and material use, spill prevention and control, stockpile management, contaminated soil management, and management of solid, concrete, sanitary/septic, liquid, and hazardous wastes.

Source: CASQA 2019.

The proposed project's construction contractor would be required to prepare and implement an SWPPP and associated BMPs in compliance with the CGP during grading and construction. The SWPPP would specify BMPs, such as those outlined in Table 9, that the construction contractor would implement to protect water quality by eliminating and/or minimizing stormwater pollution prior to and during grading and construction The SWPPP would also show the placement of those BMPs.

Adherence to the BMPs in the SWPPP would reduce, prevent, minimize, and/or treat pollutants and prevent degradation of downstream receiving waters. BMPs identified in the SWPPP would reduce or avoid contamination of stormwater with sediment and other pollutants such as trash and debris; oil, grease, fuels, and other toxic chemicals; paint, concrete, asphalt, bituminous[6] materials, etc.; and nutrients.

Based on the preceding, water quality and waste-discharge impacts from project grading and construction activities would be less than significant, and no mitigation measures are necessary.

Project Operation

Operational-related activities of the proposed project (e.g., runoff from parking areas, solid waste storage areas, and landscaped areas) would generate pollutants that could adversely affect the water quality of downstream receiving waters if effective measures are not used to keep pollutants out of urban runoff.

Standards governing discharges to stormwater from project operation are in the Municipal Stormwater (MS4) Permit for Los Angeles County under the jurisdiction of the Los Angeles RWQCB, Order No. R4-2012-0175 as amended by WQ 2015-0075. The MS4 was adopted on November 8, 2012 and is in the process of renewal. The County of Los Angeles also issued a Low Impact Development (LID) Standards Manual on developing water quality management plans for projects and selecting BMPs for a project. Additionally, Chapter 8.44 of the municipal code, Stormwater Management and Discharge Control, includes requirements to reduce pollutants in stormwater discharges, regulate illicit connections and illicit discharges, decrease the level of contamination of stormwater and urban runoff in the municipal stormwater system, and control nonstorm-water discharges to the municipal stormwater system.

LID is a stormwater management and land development strategy that combines a hydrologically functional site design with pollution prevention measures to compensate for land development impacts on hydrology and water quality. LID techniques mimic the site predevelopment hydrology by using site design techniques that store, infiltrate, evapotranspire, biofilter, or detain runoff close to its source. Source control BMPs reduce the potential for pollutants to enter runoff and are classified in two categories—structural and nonstructural. Structural source control BMPs have a physical or structural component, such as inlet trash racks, trash bin covers, and an efficient irrigation system, to prevent pollutants from contacting stormwater runoff. Nonstructural source control BMPs are procedures or practices used in project operation, such as stormwater training or trash management and litter control practices.

According to the Los Angeles County LID Manual, the proposed project is a designated priority project defined as a development of a new project equal to one acre or greater of disturbed area and adding more than 10,000 square feet of impervious area. Priority projects must meet the requirements of municipal code Chapter 8.44 through the preparation and submittal of a standard urban stormwater mitigation plan, which shall include the applicable LID requirements in the MS4 permit. Priority projects are required to retain 100 percent of the

[6] Bituminous means resembling or containing bitumen. Bitumen is any of various viscous or solid impure mixtures of hydrocarbons that occur naturally in asphalt, tar, mineral waxes, and so forth and are used as a road surfacing and roofing material.

stormwater quality design volume[7] on-site through infiltration, evapotranspiration, stormwater runoff harvest and use, or a combination of these (LARWQCB 2012).

The proposed project would comply with requirements in the MS4 Permit, the Los Angeles County LID Manual, and the municipal code. Per the City's requirements for priority projects, the project applicant prepared a Preliminary Hydrology and LID Report for City review (Appendix G). The report specifies BMPs that would be implemented to minimize water pollution from the project site during the operational phase. A detailed discussion of how the BMPs were selected is provided in the report and summarized in this section. The final BMPs to be implemented for the proposed project would be determined through the City's review of the Final Hydrology and LID Report.

Proposed drainage subareas A and B are shown in Figure 16, *Developed Condition Hydrology Map*. Proposed subarea B would be parceled off and remain with the current landowner. Proposed subarea A is to be developed into the residential condominiums, with a central LID BMP. Overflow from the proposed BMP would be directed to county storm drain Project No. 7750, Line A. The water quality design volume ($SWQD_v$) and flow rate (Q_{pm}) resulting from the 85th percentile rain event are summarized in Table 10, *Low Impact Development, Stormwater Quality Design Volume and Flow Rates*.

Table 10 Low Impact Development, Stormwater Quality Design Volume and Flow Rates

Subarea	$SWQD_v$ (ft^3)	Q_{pm} (ft^3/s)	Outfall Location
A	27,807	1.56	Project No. 7750, Line A

Source: Forma, Hydrology and LID Report, March 1, 2021.

According to the Los Angeles County LID Manual, infiltration BMPs are considered a first option for a project site when screening potentially feasible LID BMPs. Infiltration BMPs collect stormwater runoff and divert it into permeable soils beneath the site. This effectively reduces pollution, runoff, and flooding and recharges groundwater. Therefore, the Preliminary Hydrology and LID Report proposed a drywell designed using an estimated infiltration rate since initial soil investigations did not include infiltration testing on-site. Runoff would be temporarily detained upstream of the drywell in a proprietary chamber system that serves as a settling basin for silt and debris. The chamber system would pretreat the water before it entered the drywell. The locations of the proposed chamber system and dry well are shown on Figure 16, *Developed Condition Hydrology Map*.[8] The chamber system is in open areas of the site, which would allow the detention volume to be adjusted once infiltration testing has occurred and required detention volume is adjusted based on infiltration. For the drywell, Table 11, *Low Impact Development Dry Well BMP Design Summary,* shows the BMP area and volume required to treat the $SWQD_v$ on-site. The table also includes the BMP area and volume provided. As shown, the proposed drywell is adequately sized.

[7] The design storm, from which the stormwater quality design volume is calculated, is defined as the greater of:
- The 0.75-inch, 24-hour rain event.
- The 85th percentile, 24-hour rain event.

[8] The chamber system is referred to as a detention system on Figure 16.

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Table 11 Low Impact Development Dry Well BMP Design Summary

Subarea	BMP	BMP Area Required (ft^2)	BMP Area Provided (ft^2)	BMP Area Provided (ft^3)	BMP Area Provided (ft^3)
A	Drywell	3,476	3,572	27,807	28,067

Source: Forma, Hydrology and LID Report, March 1, 2021 (Appendix G).

If infiltration is determined to be infeasible during final engineering, a biofiltration system is proposed. The chamber system described above would detain and treat runoff during a rain event. Any runoff in excess of the system's capacity would be pumped into a modular wetland unit. The wetland would remove pollutants from the runoff, and clean water would be discharged to the Los Angeles County Storm Drain Project No. 7750, Line A. The modular wetland unit and association sump pump are sized to satisfy the County of Los Angeles LID guidelines, as shown in the Preliminary Hydrology and LID Report (see Appendix G).

Furthermore, the proposed project is exempt from hydromodification requirements since the site was previously developed in an urbanized area and does not increase the effective impervious area of the site as compared to the pre-project conditions. Furthermore, the proposed project discharges into a Los Angeles County Flood Control storm drain and satisfies the allowable discharge flow rates provided by the County.

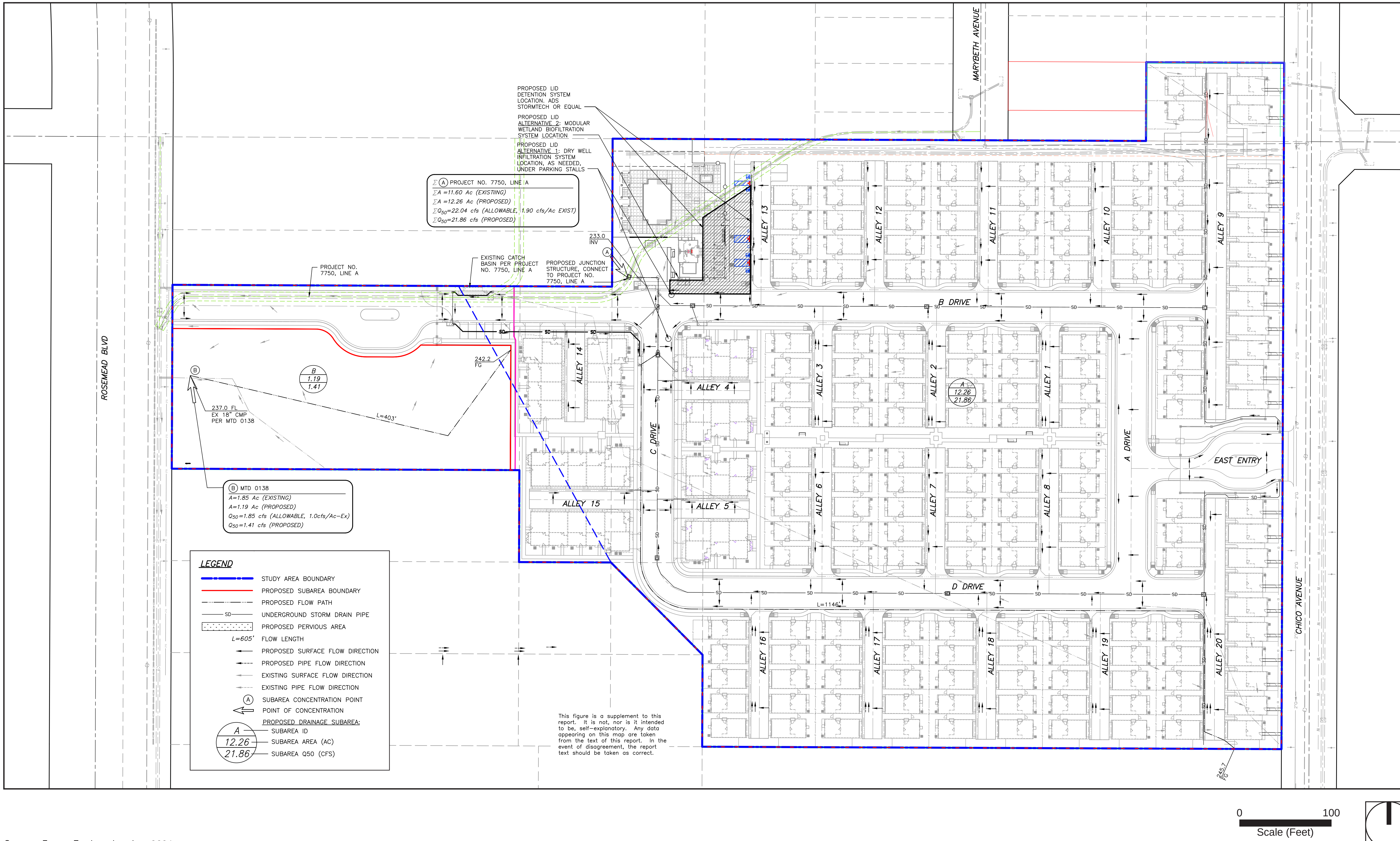
The information provided in the Preliminary Hydrology and LID Report provides sufficient detail to identify the LID BMPs that would be implemented as a part of the proposed project and would prevent impacts to the quality of receiving waters. The combination of BMPs identified in the report addresses all identified pollutants of the proposed project. Implementation of the BMPs would be ensured through the City's development review and building plan check process. Additionally, Chapter 8.44 of the municipal code includes standards that prohibit the discharge of specific pollutants into stormwater and regulates connections to the storm drain system.

Based on the preceding, no significant water-quality and waste-discharge impacts from project operation activities would occur, and no mitigation measures are necessary.

b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less Than Significant Impact. The project site is over the Main San Gabriel groundwater basin (Main Basin). SGVWC would provide potable water to the project site. The SGVWC's water supply sources include groundwater pumped from the Main Basin and the Coastal Plain of Los Angeles Central Basin, recycled water, and imported treated water from the Metropolitan Water District of Southern California (MWD). Groundwater from the Main Basin historically accounted for approximately 90.0 percent of the SGVWC's overall water supplies. The water company has 30 active groundwater wells within its distribution system that are actively used to pump groundwater from the Main Basin, which encompasses 255 square miles and has an estimated total water storage capacity over 10 million acre-feet (SGVWC 2017, DWR 2004).

Figure 16 - Developed Condition Hydrology Map



Source: Forma Engineering, Inc, 2021

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The SGVWC estimates that water demands in its service area for normal years would increase from approximately 37,708 acre-feet per year (afy) in 2020 to approximately 48,604 afy in 2040. The water company forecasts that it will have sufficient water supplies to meet water demands in its service area for normal, single-dry, and multiple dry years. The addition of the proposed project's water demand would be minimal and would not decrease groundwater supplies or impede sustainable groundwater management of the basin.

Additionally, as stated in the geotechnical investigation prepared for the proposed project (see Appendix E), groundwater was encountered at a depth of 53 feet. No excavation on-site would intersect the groundwater at these levels, and dewatering during construction is not anticipated. Furthermore, the project site is not in or near a groundwater recharge area/facility, nor does it represent a source of groundwater recharge.

Therefore, the proposed project would not substantially interfere with groundwater supplies or recharge. Impacts to groundwater supplies would be less than significant, and no mitigation measures are necessary.

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i) Result in a substantial erosion or siltation on- or off-site?

Less Than Significant Impact. Erosion and siltation impacts potentially resulting from alteration of the drainage pattern occur mostly during the project's construction phase, which would include site preparation and grading activities. Environmental factors that affect erosion include topographic, soil, wind, and rainfall characteristics. Siltation is most often caused by soil erosion or sediment spill. Following is a discussion of the potential erosion and siltation impacts that could occur during the construction and operational phases of the proposed project.

Project Construction

As discussed above in Section 3.10.a, the project construction contractor would be required to prepare and implement a SWPPP pursuant to the CGP during grading and construction. The SWPPP would specify erosion- and sediment-control BMPs that the project construction contractor would implement prior to and during grading and construction to minimize erosion and siltation impacts on- and off-site. Erosion-control BMPs are designed to prevent erosion, and sediment controls are designed to trap or filter sediment once it has been mobilized. BMPs that would be implemented during the proposed project's construction phase are discussed in detail in Section 3.10.a, above. For example, BMPs would include but are not limited to installation of perimeter silt fences; installation of silt fences around stockpile and covering of stockpiles; and stabilization of disturbed areas where construction ceases for a determined period of time (e.g., one week) with erosion controls.

Adherence to the BMPs in the SWPPP would reduce, prevent, or minimize soil erosion from project-related grading and construction activities. The construction-phase BMPs would also ensure effective control of not only sediment discharge, but also of pollutants associated with sediments (e.g., nutrients, heavy metals, and certain pesticides).

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Therefore, project-related construction activities would not result in substantial erosion or siltation on- or off-site. Construction-related impacts would be less than significant, and no mitigation measures are necessary.

Project Operation

As shown in Figure 3, *Aerial Photograph*, the vast majority of the project site is paved. Under existing conditions, the county drainage map shows approximately 87.0 percent of the site drains from east to west to a sump catch basin near the middle of the site. The catch basin drains into the Los Angeles County Flood Control District system. The remaining 13.0 percent of the site drains east to west toward Rosemead Boulevard (see Figure 17, *Existing Hydrology Map*). The proposed drainage pattern remains generally the same as the predeveloped condition.

The proposed project would be implemented in accordance with the Hydrology and LID Report and abide by the requirements of the MS4 permit and the LID Standards Manual. For example, project design and operation would include implementation of BMPs specified in the Hydrology and LID report that would minimize runoff and soil erosion and siltation into stormwater and thus minimize sedimentation downstream.

Additionally, project development would be required to comply with the standards of Chapter 8.44 of the municipal code, which prohibits the discharge of specific pollutants into stormwater, regulates connections to the storm drain system, and requires development projects to implement permanent BMPs on individual sites to reduce pollutants in the stormwater.

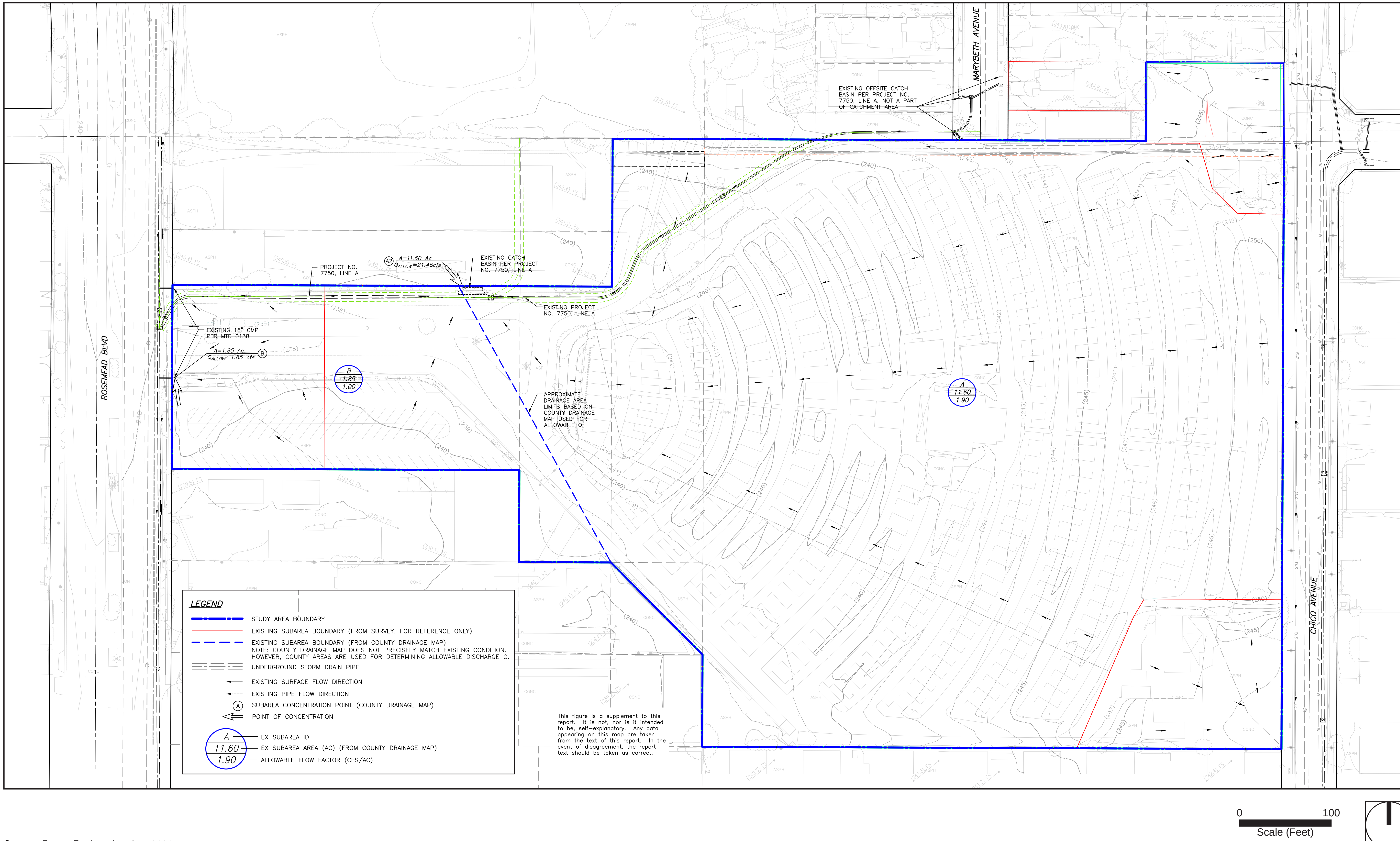
Therefore, project development would not substantially alter the existing drainage pattern of the site or area in a manner that would result in substantial erosion or siltation on- or off-site, and operation-related impacts would be less than significant, and no mitigation measures are necessary.

ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite?

Less Than Significant Impact. Under existing conditions (see Figure 17, *Existing Hydrology Map*), subarea A, which has a total of 11.06 acres, drains from east to west to a sump catch basin that discharges into the Los Angeles County Flood Control District, Project No. 7750, Line A. The allowable discharge to Line A is 1.90 cubic feet per second (cfs) per acre. Therefore, the allowable flow to Line A from the site is 22.04 cfs. Subarea B drains toward Rosemead Boulevard on paved surfaces and discharges to County Municipal Transfer Drain (MTD) 138.

Under proposed conditions, stormwater from the proposed project would be collected by a private underground storm drain system and discharged to Line A via a new junction structure (see Figure 16, *Developed Condition Hydrology Map*). The proposed flow for the 50-year storm event to Line A is 21.86 cfs. The flow calculation is based on the Los Angeles County Department of Public Works' 2006 Hydrology Manual. The flow rate under proposed conditions would be less than the current allowable flow rate to Line A.

Figure 17 - Existing Hydrology Map



Source: Forma Engineering, Inc, 2021

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Based on the preceding, project development would not substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site. Impacts would be less than significant, and no mitigation measures are necessary.

iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Less Than Significant Impact. The following describes the proposed project's potential impacts related to storm drainage systems and runoff.

Capacity of Stormwater Drainage Systems

Project impacts on the capacity of storm drainage systems would be less than significant, as substantiated in Section 3.10.c.ii, above. No mitigation measures are necessary.

Polluted Runoff

The proposed project's stormwater pollution impacts would be less than significant, as substantiated in Section 3.10.a, above. No mitigation measures are necessary.

iv) Impede or redirect flood flows?

Less than Significant Impact. The project site is not in a 100-year flood hazard zone (FEMA 2008), but it is in the dam inundation zone of the Santa Fe Dam (South El Monte 2000). The dam is approximately seven miles northeast of the project site. The Santa Fe dam and reservoir are a flood control project, completed in January 1949, in the Los Angeles County Drainage Area flood control system. The dam's embankment is on the San Gabriel River, south of Azusa. The primary purpose of the dam is to provide flood risk management to the communities along the San Gabriel River downstream of the reservoir. The Army Corps of Engineers (USACE) operates the dam and reservoir and engages in routine maintenance activities within the operational areas of the reservoir year-round to maintain the operational capacity of the dam. As congressionally appropriated funding allows, the USACE works to upgrade aging structures and systems. Annual maintenance activities include grading of access roads, vegetation removal, and an annual safety inspection. In addition, the control house, gates, and all mechanical and electrical equipment are checked at the dam to make sure that the dam is functioning in accordance with State standards (USACE 2021).

The Emergency Action Plan (EAP) for the Santa Fe Dam includes procedures for damage assessment and emergency warnings per the requirements of the California Division of Safety of Dams. The plan has been developed in coordination with local emergency management officials. The EAP identifies potential emergency conditions and specifies preplanned actions to help minimize property damage and loss of life. The EAP also contains procedures to issue early warning and notification messages to downstream emergency management authorities. Additionally, the dam is governed by the USACE's Dam Safety Program to maintain public safety, and an integral part of the program is the risk-informed screening process. Dams are classified based on confirmed or unconfirmed dam safety issues, the combination of life or economic consequences if failure occurs, and the probability of failure. This process enables the

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USACE to prioritize dam safety actions to correct deficiencies, which include interim risk reduction measures to be undertaken while further investigations are conducted, and remedial actions are implemented (Army Corps of Engineers 2012). Therefore, impacts due to inundation by Santa Fe Dam are less than significant.

d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

Less than Significant. As noted in Section 3.10.c.iv, the project site is not in 100-year flood zone but is within the dam inundation area of the Santa Fe Dam. However, with the implementation of the EAP and the USACE's Dam Safety Program, impacts would be less than significant.

A seiche is an oscillating surface wave in a restricted or enclosed body of water, generated by ground motion, usually during an earthquake. Seiches are of concern for water storage facilities, because inundation from a seiche can occur if the wave overflows a containment wall, such as the wall of a reservoir, water storage tank, dam, or other artificial body of water. The Santa Fe Reservoir and smaller reservoirs within a three-mile radius of the Santa Fe Reservoir could generate seiches. A seiche could theoretically occur in these reservoirs as the result of an earthquake or other disturbance, but the flooding impact would be less than for the dam inundation zone. The closest of these reservoirs is five miles away and is not anticipated to affect the site.

Tsunamis are a type of earthquake-induced flooding produced by large-scale sudden disturbances of the sea floor. The proposed project is approximately 23 miles inland; therefore, the site is outside the tsunami hazard zone and would not be affected by a tsunami.

Based on the preceding, the proposed project would not risk release pollutants as the result of floods, tsunami, or seiche. Therefore, no impact would occur, and no mitigation measures are necessary.

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

No Impact. Water quality in South El Monte is regulated by the Los Angeles RWQCB and its Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties. As substantiated in Section 3.10.a, the proposed project would not violate any water quality standards and would therefore not obstruct the implementation of the Basin Plan. Therefore, no impact would occur, and no mitigation measures are necessary.

Additionally, the project site is in the Main San Gabriel Groundwater Basin, which is characterized as a low priority basin[9] and is not governed by a groundwater quality management plan. As substantiated in Sections 3.10.a and b, the proposed project would not violate any water quality standards and would not decrease groundwater supplies or interfere substantially with groundwater recharge. Moreover, the Specific Plan includes sustainability guidelines that highlight water efficiency strategies such as minimizing turf areas within the

[9] Basins designated as low and very-low priority are not subject to the requirements of the Sustainable Groundwater Management Act but are encouraged to form groundwater sustainability agencies and develop new groundwater management plans or update existing management plans in accordance with the water code.

community, using drought-tolerant plants, and using reclaimed water for irrigation of common areas. Therefore, no impact would occur, and no mitigation measures are necessary.

3.11 LAND USE AND PLANNING

Would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Physically divide an established community?				X
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?			X	

a) Physically divide an established community?

No Impact. Development on the project site would occur within the project site boundaries. The proposed project would not disrupt the internal circulation within the residential neighborhood to the north of the site. Additionally, the proposed project would introduce a compatible residential use to the south of existing residential uses. Therefore, the proposed project would not divide an established community.

b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

Less Than Significant Impact. The project site is currently zoned Commercial Manufacturing (C-M) and Multiple Family Residential (R-3), and the land use designation of the site is Commercial-Manufacturing (C-M) and Medium-Density Residential (MDR). The proposed project would require a zone change to Specific Plan (SP) and a land use change to Medium Density Residential (MDR) in order to implement the proposed project. The Specific Plan, which has been prepared to realize the objectives of the proposed project, would require approval by the City Council. The Specific Plan (SP) zone would allow for residential uses and open space areas on the project site in planned building groups while ensuring compliance with the spirit and intent of the zoning code and the City's adopted General Plan. Moreover, the proposed project would be consistent with the policies for the General Plan. For example, Policy 1.1 of the Land Use Element states that a range of densities and housing types should be provided. The proposed project would provide townhomes and single-family homes, which would provide a range of housing density in the project area. Additionally, Policy 4.2 of the Land Use Element indicates that new opportunities for housing in South El Monte should be provided such as through intensification in designated neighborhoods. The proposed provide would increase the number of housing units in the city. Policy 6.1 of the Land Use Element encourages redevelopment activities, and the proposed project would revitalize an underutilized site to provide additional housing opportunities in the City. Impacts would be less than significant.

3.12 MINERAL RESOURCES

Would the project:

	Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?				X
b)	Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X

a) Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?

No Impact. There are four mineral resource zones (MRZ):

- **MRZ-1.** Adequate information indicates that no significant mineral deposits are present or likely to be present.
- **MRZ-2.** Adequate information indicates that significant deposits are present or there is a high likelihood for their presence, and development should be controlled.
- **MRZ-3.** The significance of mineral deposits cannot be determined from the available data.
- **MRZ-4.** There is insufficient data to assign any other MRZ designation.

The mineral resource designation is intended to prevent incompatible land use development on areas determined to have significant mineral resource deposits. The project site and surrounding areas are not developed for mineral resources, and the City's General Plan Resources Element indicates that there are no mineral resources in the city. The project site is in MRZ-3 (CDC 2015). The areas surrounding the project site are developed with buildings, and therefore no loss of known resources would result from project implementation. No impact would occur.

b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. No mining sites are identified in the City of South El Monte General Plan. Therefore, development of the proposed project would not cause a loss of availability of a mining site. No impact would occur.

3.13 NOISE

The analysis in this section is based in part on the following, included as Appendix H:

- *Noise Analysis,* PlaceWorks, May 2021

Would the project result in:

	Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	
b)	Generation of excessive groundborne vibration or groundborne noise levels?		X		
c)	For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?			X	

3.13.1.1 NOISE FUNDAMENTALS

Noise is unwanted sound, known to have several adverse effects on people, including hearing loss, speech and sleep interference, physiological responses, and annoyance. Based on these known adverse effects of noise, the federal, state, and city governments have established criteria to protect public health and safety and to prevent the disruption of certain human activities, such as classroom instruction, communication, or sleep. Appendix H provides the fundamentals of noise and vibration, additional local regulatory background information, and the construction and traffic noise modeling data for the proposed project.

3.13.1.2 ENVIRONMENTAL SETTING

Existing Noise Conditions

The project site noise environment is primarily characterized by roadway noise. The primary traffic noise source is from Rosemead Boulevard, west of the project site. Secondary noise sources include parking lot noise, and air handling equipment such as HVAC mechanical noise from retail stores to the north and west and adjacent residential uses. The City of South El Monte General Plan Future Noise Contours figure shows the project site to be predominately outside the 65 CNEL noise contour, with the exception of the project driveway off Rosemead Boulevard. Therefore, proposed dwelling units would be outside the 65 CNEL noise contour. Per the *CBIA v. BAAQMD* ruling, noise compatibility for future on-site sensitive receptors is generally no longer the purview of the CEQA. However, the City requires that residential projects achieve the interior 45 dBA CNEL noise standard of the California Building Code Title 24.

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Sensitive Receptors

Certain land uses are particularly sensitive to noise and vibration. These uses include residences, schools, hospital facilities, houses of worship, and open space/recreation areas where quiet environments are necessary for the enjoyment, public health, and safety of the community. The nearest sensitive receptors to the proposed project are residences adjacent to the north. Other sensitive receptors include additional residences 450 feet to the east and Potrero Intermediate School 0.23 mile to the northeast in the City of El Monte.

3.13.1.3 APPLICABLE STANDARDS

California Building Code

The California Building Code is Title 24 of the California Code of Regulations. California Building Code Part 2, Volume 1, Chapter 12, Section 1207.11.2, Allowable Interior Noise Levels, requires that interior noise levels attributable to exterior sources shall not exceed 45 dBA in any habitable room. The noise metric is evaluated as either the Ldn or the CNEL, consistent with the noise element of the local general plan.

Per the *California Building Industry Association v. Bay Area Air Quality Management District* ruling, noise compatibility for future on-site sensitive receptors is generally no longer the purview of the CEQA. However, the City requires that residential projects achieve the interior 45 dBA CNEL noise standard of the California Building Code Title 24.

City of South El Monte Municipal Code

Exterior Noise Standards

The City of South El Monte Municipal Code has established exterior noise limits in Chapter 8.20, Noise Regulations. The permissible sound levels by receiving land use are summarized in Table 12, *Exterior Noise Limits: City of South El Monte*.

Table 12 Exterior Noise Limits: City of South El Monte

Land Use	Daytime 7:00 am to 10:00 pm	Nighttime 10:00 pm to 7:00 am
One- or Two-Family Residential Zone	55 dBA	45 dBA
Multiple Dwelling Residential Zone, Public Zone	60 dBA	50 dBA
Commercial Zone or Commercial-Manufacturing Zone	60 dBA	55 dBA
Manufacturing Zone	70 dBA	70 dBA

Source: South El Monte Municipal Code.
Notes:
In the event the alleged offensive noise contains a steady, audible tone such as a whine, screech, or hum, or it is a repetitive noise such as a hammering or riveting, or contains music or speech conveying informational content, the exterior noise limits shall be reduced by 5 dBA.
The exterior noise limit shall not exceed:
The noise standard for a cumulative period of more than thirty minutes in any hour (L50);
The noise standard plus 5 dBA for a cumulative period of more than fifteen minutes in any hour (L25);
The noise standard plus 10 dBA for a cumulative period of more than five minutes in any hour (L8);
The noise standard plus 15 dBA for a cumulative period of more than one minute in any hour (L1); or
The noise standard plus 20 dBA for any period of time (Lmax).

Vibration

Section 8.20.020(B) states that no person shall operate or permit the operation of any device or machine that creates a vibration above the vibration perception threshold when measured at or beyond the property boundary of the source. Because the City does not quantify this standard, the Federal Transit Administration (FTA) criterion for vibration annoyance of 72 VdB at residential receptors is used to determine impact significance.

Construction Noise

No person shall operate or cause or authorize the operation of any tools or equipment used in construction, drilling, repair, alteration, or demolition work between the hours of 10:00 pm and 7:00 am or at any time on weekends or holidays, such that the sound creates a noise disturbance across the real property line of an adjacent or nearby property developed entirely or partially for residential use. However, the City does not include a quantified construction noise limit for work during the daytime hours of 7:00 am to 10:00 pm. Therefore, the FTA construction noise criterion of 80 dBA $L_{eq(8hr)}$ for residential receptors is used to determine impact significance.

Air Handling Equipment

No person shall operate or permit the operation of any air conditioning or air handling equipment (such as HVAC equipment) in such a manner as to exceed 55 dBA at any point on neighboring property line, five feet above grade level, no closer than three feet to any wall.

a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less Than Significant Impact. Construction is estimated to be completed in approximately 19 months, beginning in Fall 2022 and ending in Spring of 2024. The construction workday is anticipated to be 7:00 am to 4:00 pm, Monday through Friday. Construction equipment required for excavation, grading, and other construction activities would include but is not limited to, concrete saws, excavators, dozers, loaders, backhoes, forklifts, scrapers, tractors, trencher, pavers, welders, cranes, generators, and air compressors.

Construction Noise

Construction Vehicles

The transport of workers and materials to and from the construction site could incrementally increase noise levels along access road or roads. Individual construction vehicle pass-bys may create momentary noise levels of up to approximately 85 dBA (L_{max}) at 50 feet from the vehicle, but these occurrences would generally be infrequent and short lived.

Construction would generate temporary trips from workers' and vendors' vehicles. Based on data provided by the applicant, project construction is anticipated to generate up to 110 daily worker and vendor trips during overlapping phases. For hauling, construction activities would generate up to 32 daily haul truck trips during

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demolition debris haul and grading soil haul. Access to the project site would be through Rosemead Boulevard or Chino Avenue via Garvey Avenue or Rush Street, which have existing average daily traffic (ADT) volumes ranging from 4,020 to 53,360 (see Table 14, *Project and Cumulative Traffic Noise Increase*). Additional trips from construction vehicles would be temporary, and the addition of 110 worker and vendor trips and 32 haul trips would result in a negligible noise increase. Therefore, this impact would be less than significant.

Construction Equipment

Noise generated by on-site construction equipment is dependent on the type of equipment used, its location relative to sensitive receptors, and the timing and duration of noise-generating activities. Each phase of construction involves different kinds of equipment and has distinct noise characteristics. The basis for noise levels from construction activities are typically the loudest piece or pieces of equipment. The dominant equipment noise source is typically the engine, although work-piece noise (such as dropping of materials) can also be noticeable.

Heavy equipment, such as a dozer or a loader, can have maximum, short-duration noise levels of up to 85 dBA at 50 feet. However, overall noise emissions vary considerably, depending on the specific construction activity performed at any given moment. Noise attenuation due to distance, the number and type of equipment, and the load and power requirements to accomplish tasks at each construction phase would result in different noise levels from construction activities at a given receptor. Since noise from construction equipment is intermittent and diminishes at a rate of at least 6 dBA per doubling of distance (conservatively ignoring other attenuation effects from air absorption, ground effects, and shielding effects), the average noise levels at noise-sensitive receptors could vary considerably, because mobile construction equipment would move around the project site with different loads and power requirements.

The average noise produced at each construction phase is determined by combining the L_{eq} contributions from the three loudest pieces of construction equipment by phase, while accounting for the ongoing time variations of noise emissions (commonly referred to as the usage factor). Noise levels were also calculated at spatially averaged distances (i.e., from the acoustical center of the general construction site) to the property line of the nearest receptors. Although construction may occur across the entire construction area, the area around the center of construction activities best represents the potential average construction-related noise levels at the various sensitive receptors.

PlaceWorks used construction activity information by phase provided by the applicant to estimate construction noise using the Federal Highway Administration Roadway Construction Noise Model (RCNM). The associated, aggregate sound levels—grouped by construction activity—are summarized in Table 13, *Project-Related Construction Noise,* L_{eq} *dBA*. RCNM modeling input and output worksheets are included in Appendix H. As shown in Table 13, average construction-related noise levels would be up to 68 dBA and not exceed the 80 dBA $L_{eq(8hr)}$ threshold at the nearest sensitive receptors. Therefore, impacts would be less than significant.

Table 13 Project-Related Construction Noise, L_{eq} dBA

Construction Activity Phase	Reference Noise Level at 50 feet	Attenuated Noise Levels		
		Residential Uses to North at 335 feet	Residential Uses to East at 450 feet	Potrero Intermediate School to Northeast at 1,200 feet
Asphalt/Building Demolition	84.6	68	66	57
On-Site Reprocessing /Crushing[1]	77.9	61	61	50
Rough Grading	85.0	68	66	57
Utility Trenching	81.9	76	63	54
Paving	83.5	67	64	56
Building Construction	83	66	64	55
Architectural Coating	74	57	55	46

Notes: Decibels rounded up to the nearest whole number.
Calculations performed with RCNM are included in Appendix H. Distance measurements were taken using Google Earth from the approximate acoustical center of the construction site.
[1] Rock Crushing equipment based on 85 dB at 7 meters (approximately 22 feet). Source: Screens & Crushers Ltd C12+ Crusher Extec. 2007, November. Operating and Maintenance Manual.

Stationary Noise

HVAC Equipment

HVAC units are proposed to be located in the residential backyards. The nearest sensitive receptors to HVAC equipment would be residences approximately 60 feet to the north. HVAC specifications provided by the applicant show that, depending on the unit size and series, the proposed HVAC equipment (Carrier model CA15NA) could generate sound power levels between 71 and 76 dBA without shielding. This would result in a sound pressure level of up to approximately 40 dBA at 60 feet. This would be below the 55 dBA daytime noise standards for the air handling equipment set forth in the municipal code. Therefore, impacts would be less than significant.

Community Recreational Area

The proposed community recreational area would include a pool, spa, open space, lawn play areas, and a barbeque counter. Use of the community recreational area would be limited to residents and guests only. Noise generated would mostly be from people using the recreational space. Based on similar uses, it is calculated that the proposed pool area would generate noise levels of approximately 55 dBA at 77 feet. The nearest sensitive receptor to the pool area is approximately 90 feet to the north. At this distance, noise levels would attenuate to approximately 54 dBA. Additionally, a seven-foot-high wall is proposed to be constructed around the northern perimeter. This wall would block line-of-sight to the sensitive receptors to the north, providing an additional 5 dBA of noise attenuation. The proposed operational hours for the recreational area are 8:00 am to 10:00 pm, which are within the municipals code's daytime hours. Therefore, noise levels would not exceed the daytime noise limit of 55 dBA, and impacts would be less than significant.

Traffic Noise

Noise increases can be put into three categories—audible, potentially audible, and inaudible. "Audible" increases are perceptible to humans and generally refer to a change of 3 dBA or more, because 3 dBA is the threshold

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of perceptibility in exterior (uncontrolled) environments. For example, traffic flows would need to double (e.g., 10,000 vehicles per day to 20,000 per day) to create a 3 dBA CNEL increase in traffic-generated noise levels. A "potentially audible" noise increase refers to a change in noise level between 1 and 3 dBA. A change in noise level of less than 1 dBA is typically "inaudible" to humans except under quiet conditions in controlled environments. A project will normally have a significant effect on the environment related to noise if it will substantially increase the ambient noise levels for adjoining areas. Based on these categories, a significant impact would occur if the following thresholds of significance, similar to those recommended by the Federal Aviation Administration, would be exceeded at sensitive receptor locations. A significant impact would occur if traffic noise increases would exceed:

- 1.5 dBA for existing ambient noise environments of 65 dBA CNEL and higher.
- 3 dBA for existing ambient noise environments of 60 to 64 CNEL.
- 5 dBA for existing ambient noise environments of less than 60 dBA CNEL.

ADT volumes for existing and future conditions provided by Iteris were used to calculate traffic noise increases. Noise increase is calculated by comparing Existing Plus Project traffic volumes to Existing no Project volumes logarithmically. Similarly, cumulative noise impacts were calculated by comparing Cumulative Plus Project to Cumulative no Project logarithmically.[10]

As shown in Table 14, *Project and Cumulative Traffic Noise Increase,* the maximum traffic noise increase is 0.4 dBA CNEL along Chico Avenue from Garvey Avenue to Fern Street. All study roadway segments would experience project and cumulative traffic noise increase of less than 1.5 dBA CNEL. Therefore, traffic noise impacts would be less than significant.

[10] Project noise increase = 10*Log(Existing Plus Project/Existing no Project); Cumulative noise increase = 10*Log(Future with Project/Existing no Project).

Table 14 Project and Cumulative Traffic Noise Increase

Roadway Segment	ADT Volumes				dBA CNEL	
	Existing No Project	Existing Plus Project	Cumulative No Project	Cumulative with Project	Project Related Increase	Cumulativ e Increase
Rosemead Boulevard – Garvey Avenue to Fern Street	53,360	53,901	53,810	54,351	0.0	0.1
Rosemead Boulevard – Fern Street to Project Entrance	52,140	52,681	52,780	53,321	0.0	0.1
Rosemead Boulevard – Project Entrance to Rush Street	50,240	51,054	50,880	51,694	0.1	0.1
Garvey Avenue – Rosemead Boulevard to Chico Avenue	21,980	22,074	22,100	22,194	0.0	0.0
Garvey Avenue – east of Chico Avenue	21,840	22,123	22,100	22,383	0.1	0.1
Chico Avenue – Garvey Avenue to Fern Street	4,020	4,422	4,020	4,422	0.4	0.4
Chico Avenue – Project entrance to Rush Street	4,020	4,149	4,020	4,149	0.1	0.1
Rush Street – east of Chico Avenue	11,600	11,789	11,600	11,789	0.1	0.1
Rush Street – west of Chico Avenue	12,960	13,019	12,960	13,019	0.0	0.0
Fern Street – Chico avenue to Potrero Avenue	2,370	2,464	2,370	2,464	0.2	0.2
Potrero Avenue – Fern Street to Garvey Avenue	3,830	3,924	3,830	3,924	0.1	0.1
Potrero Avenue – Rush Street to Fern Street	4,030	4,030	4,030	4,030	0.0	0.0

Source: Iteris, 2021

b) Generation of excessive groundborne vibration or groundborne noise levels?

Less Than Significant Impact with Mitigation.

Construction can generate varying degrees of ground vibration, depending on the construction procedures and equipment. Operation of construction equipment generates vibrations that spread through the ground and diminish with distance from the source. The effect on buildings near the construction site varies depending on soil type, ground strata, and receptor-building construction. The effects from vibration can range from no perceptible effects at the lowest vibration levels, to low rumbling sounds and perceptible vibrations at moderate levels, to slight structural damage at the highest levels. Vibration from construction activities rarely reaches the levels that can damage structures.

Vibration Annoyance

As mentioned in Section 3.13.1.3, *Applicable Standards*, the City does not establish a quantified vibration annoyance threshold. The FTA criterion of 72 VdB is used to determine significance. Vibration due to the project would be generated from temporary construction activities. To determine attenuated average vibration levels at the nearest sensitive receptors, vibration levels are calculated by measuring the distance from the center of the project site to the sensitive receptor building façade. The nearest sensitive receptors are the residences approximately 340 feet to the north, and Potrero Intermediate School approximately 1,200 feet to the northeast. As shown in Table 15, *Vibration Levels for Typical Construction Equipment,* vibration levels would not exceed 72 VdB at the nearest sensitive receptors. Therefore, impacts would be less than significant.

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Table 15 Vibration Levels for Typical Construction Equipment

Equipment	FTA Reference Vibration Levels VdB at 25 feet	VdB at Residences to North at 340 feet	VdB at Potrero Intermediate School to Northeast at 1,200 feet
Vibratory Roller	94	60	44
Large Bulldozer	87	53	37
Loaded Trucks	86	53	36
Jackhammer	79	52	29
Small Bulldozer	58	45	8

Source: FTA 2018.

Architectural Damage

For reference, a vibration level of 0.2 inch per second (in/sec) peak particle velocity (PPV) is used as the limit for non-engineered timber and masonry buildings, which would be applied to the surrounding structures (FTA 2018). Table 16, *Vibration Levels for Typical Construction Equipment,* shows that typical construction equipment produces vibration levels up to 0.21 in/sec PPV at a distance of 25 feet. A significant impact would occur if vibration levels would exceed 0.2 in/sec PPV at the façade of the surrounding structures.

The nearest structures to the project site are the residential uses immediately to the north of the project site. Based on available site plans, the residential buildings would be within 20 feet of proposed paving activities for driveways. Due to the proximity of paving activities and potential use of a vibratory roller for paving, impacts would be potentially significant.

Table 16 Vibration Levels for Typical Construction Equipment

Equipment	FTA Reference Vibration Levels PPV (in/sec) at 25 feet	PPV (in/sec) at 20 feet
Vibratory Roller	0.21	0.293
Large Bulldozer	0.089	0.124
Loaded Trucks	0.079	0.106
Jackhammer	0.035	0.049
Small Bulldozer	0.003	0.001

Source: FTA 2018.
Note: Values in **bold** exceed the significance threshold of 0.2 in/sec PPV.

Implementation of Mitigation Measure N-1 would reduce temporary construction vibration levels at the surrounding structures to a less than significant level. Specifically, the use of a static roller is estimated to generate vibration levels of approximately 0.05 in/sec PPV at a distance of 25 feet (New Zealand Transport Agency 2012), which would reduce construction vibration levels below the significance threshold of 0.2 in/sec PPV.

Mitigation Measures

N-1 Where paving is required within 25 feet of adjacent, off-site structures, a static roller shall be used in lieu of a vibratory roller. This requirement shall be included in the list of conditions on construction plans.

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. The nearest airport or airstrip to the project site is San Gabriel Valley Airport (formerly known as the El Monte Airport) in the City of El Monte, approximately two miles to the northeast. The El Monte Airport Master Plan Report shows the Airport's 60 CNEL noise contour does not extend to the project site. Figure 7B of the El Monte Airport Master Plan depicts the southwestern point of the 60 CNEL extending just past the I-10 freeway, but does not pass Brockway Street, which is approximately 1 mile northeast of the project site (Los Angeles County 1995). Workers or people residing in the project area would not be exposed to excessive airport noise. Therefore, no impact would occur.

3.14 POPULATION AND HOUSING

Would the project:

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X	
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X

a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less Than Significant Impact. Construction of the proposed project would require contractors and laborers. Because of the size of the project, the City expects that the supply of general construction labor would be available from the local and LA County regional labor pool because the current regional unemployment is 9.9 percent (BLS 2020).

Once complete, the 207 dwelling units would be expected to add 913 residents,[11] averaging 4.4 residents per household (DOF 2020). When compared to the 2020 population of 21,204, the proposed project would result in an approximately 4.3 percent increase to the City of South El Monte (DOF 2020). SCAG projects population growth in its member cities as part of the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). The projections show an estimated 2040 population of 22,500, which is an increase of 1,296 residents from the 2020 estimated population. The potential 913 new residents of the project would make up about 70.0 percent of the projected 20-year increase for the city based on the SCAG RTP/SCS (SCAG 2016). If the project population is added to the existing population, the resulting estimated population of 22,117 residents, which assumes all of the project's residents are new to the city, would remain below the year SCAG 2040 projection by 383. Because the projected increase in population from the proposed project is less than the regionally anticipated population growth, the impact to population is considered less than significant.

The proposed project would provide more housing opportunities in the city. The new units would increase housing in the City by 207 units, which would represent about 4.2 percent[12] of the 2040 housing projection. The state of California has a shortage of housing, and in 2019, Governor Newsom signed several bills aimed to address the need for more housing, including the Housing Crisis Act of 2019 (Senate Bill 330). The proposed project would help address housing needs and accommodate population growth in the city. Impacts would be less than significant.

b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact. The project site is currently vacant except for a rental structure at the northeast corner of the site; the occupants of this structure have relocated by choice. The proposed project would introduce residential uses onto the project site, resulting in an increase in the city's housing supply. The proposed project would displace one household but provide 207 new housing units, and it would not result in the need for replacement housing elsewhere. Impacts would be less than significant.

3.15 TRANSPORTATION

The analysis in this section is based in part on the following, included as Appendix D-a and D-b, respectively:

- *Starlite Development Traffic Impact Analysis,* Iteris, June 9, 2021
- *2540 Rosemead Boulevard – San Gabriel Valley Council of Governments Vehicle Miles Traveled Evaluation Tool Report,* Iteris, June 11, 2021

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[11] 207 dwelling units x 4.41 (average persons per household) = 912.87 residents = 913 residents

[12] SCAG 2040 Household estimate for South El Monte = 5,200 households
Housing units in SCAG projections are estimated based on number of households and a healthy vacancy rate of 5.0 percent: 0.05 (vacancy rate) x 5,200 households (SCAG 2040 estimate) = 4,940 housing units in 2040.

Would the project:

	Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?		X		
b)	Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b)?			X	
c)	Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?			X	
d)	Result in inadequate emergency access?			X	

a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Less Than Significant Impact with Mitigation Incorporated. Under baseline conditions, the project site was not in operation as a swap meet and generated no daily vehicle trips. The proposed project would generate 1,874 daily trips with 143 trips in the AM peak hour and 189 trips in the PM peak hour, based on the ITE Trip General Manual 10th edition.

The proposed signalized intersection at the project driveway on Rosemead Boulevard would be consistent with Policy 2.2 of the Circulation Element, "Support Caltrans efforts to facilitate smooth traffic flow along Rosemead Boulevard." A traffic signal at this intersection would regulate traffic flow in the project area.

The proposed project would be consistent with the Circulation Element's Policy 2.3, "Support efforts of the Los Angeles County Metropolitan Transportation Authority to increase the use of mass transit and other alternatives to the private automobile as a way to reduce traffic loads on State Route 60," since the project site is adjacent to the Rosemead/Fern Metro Bus Lines 176 and 266 stop and is approximately 1,500 feet (0.28 mile) from the Garvey/Rosemead Stop on Metro Bus Line 70. The frequency of Metro Bus Line is 15 minutes or less in peak hours and is considered to operate in a high-quality transit area (HQTA Additionally, the proposed project would construct a traffic signal at the intersection of Rosemead Boulevard and the project site's entrance, which would allow for crossing between the northbound or southbound Metro Bus Lines 176 and 266 stops.

The proposed project would not modify pedestrian facilities with the exception of a new crosswalk at the proposed signalized intersection. Future pedestrian circulation would be provided throughout the project site by a network of walkways along the internal drives and open space areas, which would connect to the existing City sidewalks along Rosemead Boulevard and Chico Avenue (see Figure 5, *Circulation Plan*).

The 2000 General Plan identified a bikeway network in the City of South El Monte that did not include any roadways near the project site. The South El Monte Recommended Bikeway Network in the City's section of

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the San Gabriel Valley Bicycle Master Plan includes proposed Class II bicycle lanes on Rosemead Boulevard, Garvey Avenue, Rush Street, and Potrero Avenue within the City limits (south of Kale Street). The implementation of the proposed project would not modify existing bicycle facilities.

Despite traffic along Chico Avenue being uncontrolled, there is no advanced-warning signage alerting drivers to the presence of the Chico Avenue and Fern Street intersection, which provides a marked crosswalk on the north leg of the intersection crossing Chico Avenue and an unmarked crossing, denoted by curb ramps, on the east leg of the intersection crossing Fern Street. In addition, the curb ramps are not aligned with the crosswalk and require pedestrians using the curb ramps to step into the intersection outside of the crosswalk, reducing the safety of the location. The safety condition of the location could be impacted by the proposed project's additional residents utilizing the crossing, in conflict with the Circulation Element traffic safety goal of a transportation network to provide personal safety for motorists and pedestrians at intersections and roadways throughout the City. To address this potentially significant impact, Mitigation Measure T-1, which states that California Manual on Uniform Traffic Control Devices (MUTCD) Pedestrian W11-2 signs should be installed at least 150 feet upstream from the crosswalk in both directions as well as at the crosswalk itself, the crosswalk should be repainted to ensure high visibility, and the curb ramps on Chico Avenue be realigned with the crosswalk itself, would reduce impacts to less than significant.

Mitigation Measures

T-1 Prior to the issuance of an occupancy permit, the applicant shall enhance the pedestrian crossing at the Chico Avenue/Fern Street intersection as follows:

- Install pedestrian crossing signs at least 150 feet ahead of the crosswalk in both directions as well as at the crosswalk itself pursuant to California Manual on Uniform Traffic Control Devices (MUTCD) Pedestrian W11-2.
- Repaint the crosswalk to ensure high visibility.
- Realign the curb ramps with the crosswalk.

b) Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b)?

Less Than Significant Impact. CEQA analysis for determining potential significant transportation impacts from vehicle traffic transitioned from an automobile delay or capacity measure to a Vehicle Miles Traveled (VMT) of automobiles and light trucks metric in July 2020, as required by Senate Bill (SB) 743. VMT is an area-wide performance measure which helps compare the overall performance of a project or project alternatives and is also used as a metric to ultimately assess the transportation environmental impacts of a project. VMT analysis shifts the focus towards impacts caused by the distance traveled by vehicles rather than the localized congestion created by vehicles (i.e., intersection-level delay). VMT is generally calculated using a travel demand model that captures the movement of all trips over a highway network. Analysis is limited to automobile travel (automobiles and light-trucks) and excludes heavy trucks.

The City of South El Monte prepared City of South El Monte Transportation Study Guidelines for Vehicle Miles Traveled and Level of Service Assessment (October 2020) that provide technical guidance regarding

assessment of VMT, thresholds of significance, and mitigation measures for land development and transportation projects in the unincorporated area.

The proposed project would add housing in a predominately commercial and industrial area that is well-served by public transportation, thereby diversifying the land use types and contributing to a reduction in vehicle miles traveled per capita.

The proposed project was analyzed using the San Gabriel Valley Council of Governments Vehicle Miles Traveled Evaluation Tool for the three Project parcels (APNs: 8102-037-020, 8102-037-022, 8102-037-024) in traffic analysis zone (TAZ) 22195100. The proposed project is not located in a Transit Priority Area and would have a project generated VMT rate of 12.67 home-based VMT per capita. When compared to the City VMT baseline value of 15.75 home-based VMT per capita and the 15.0 percent below baseline significance value of 13.39, the proposed Project is presumed to have a less than significant impact.

c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less Than Significant Impact. The proposed project would not increase traffic hazards or create incompatible uses. The proposed project signalized intersection at the Rosemead Boulevard driveway and the new driveway on Chico Avenue would be designed to meet the City of South El Monte and Caltrans' standards and specifications, and therefore would not increase geometric design hazards.

d) Result in inadequate emergency access?

Less Than Significant Impact. The current site entrance driveway at Rosemead Boulevard would not be altered and the new driveway on Chico Street would be constructed to meet standards and specifications to allow for ambulance and fire vehicle access. A traffic control plan and parking and driveway plan would be submitted to the City of South El Monte for review and approval prior to any temporary construction period lane or road closures. Impacts would be less than significant.

3.16 PUBLIC SERVICES

The analysis in this section is based in part on the following service-provider questionnaire responses and conditions of approval. These documents are included as Appendix I:

- *Proposed Starlite Residential Development Police Questionnaire,* Tracy Jue, Director, Facilities Planning Bureau, February 18, 2021
- *County of Los Angeles Fire Department Final Map Requirements (Conditions of Approval),* project review by Claudia Soiza, June 16, 2021

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

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Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
a) Fire protection?			X	
b) Police protection?			X	
c) Schools?			X	
d) Parks?			X	
e) Other public facilities?			X	

a) Fire protection?

Less Than Significant According to the City's General Plan Public Safety Element, fire response and prevention services are provided by the Los Angeles County Fire Department. The City's contract with the Los Angeles County Fire Department is reviewed annually to ensure adequate fire protection services are provided.

The nearest fire station is Station 90, approximately 0.72 mile southeast of the project site. Los Angeles County Fire Department maintains a policy of responding to fires within five minutes from notification, which is acknowledged by the National Fire Protection Association.

The proposed project and improvements will require site plan review for consistency with the City's Public Safety Element and Los Angeles County Fire Department requirements. Upon development and operation, the project will contribute to the City's General Fund through property taxes, and the General Fund pays for the City's contract with County Fire. Any facility expansion or additional personnel needs generated by the development will be reflected in the annual review of the City's contract with the Los Angeles County Fire Department. Expansion or any requirement for new facilities (stations) would be speculative, but would also require environmental review under CEQA. Therefore, impacts would be less than significant.

b) Police protection?

Less Than Significant Impact. The project site is within the service area of the Los Angeles County Sheriff Department's (LASD) Temple Station at 8838 Las Tunas Drive in Temple City, approximately 3.1 miles north of the project site. The station provides community services such as organized Neighborhood Watch meetings. LASD recommends that the general principles of Crime Prevention Through Environmental Design be implemented in the design phase.

The LASD does not have a current standard law enforcement service ratio because staffing level needs vary from station to station due to criteria such as service call volume and type, patrol and travel time by priority,

personnel workload and performance levels, and modeling the flow of calls for service ratios. The station's average or anticipated response times for emergent, priority, and routine calls for service received from the proposed project are 6, 20, and 60 minutes,[13] respectively. The LASD generally adheres to the following industry standard among law enforcement agencies for responses categorized as emergent, priority, and routine calls for service: 10, 20, and 60 minutes, respectively.

The station's desired law enforcement service ratio is 1 deputy for every 1,000 residents. The station is currently staffed by 190 sworn personnel and 48 civilian employees. The station services the following areas: Chantry Flats, Monrovia-Arcadia-Duarte, City of Bradbury, City of Duarte, City of Rosemead, City of South El Monte, Temple City, North San Gabriel/East Pasadena, and South San Gabriel. The estimated population for the station's service area is approximately 230,389, which would require 230 deputies.

At 190 deputies, the station is currently understaffed; however, assigning additional personnel to the station would exacerbate the current shortage of facility space and supporting equipment. As indicated above, the proposed project is expected to generate 913 residents, and therefore the project would generate the demand for an additional deputy. If the station were to be expanded in the future, the expansion would be required to undergo the applicable CEQA process which would provide mitigation, if required. According to the City's General Plan, the City's contract with the LASD is reviewed to ensure that the City is receiving the appropriate level of response service and crime prevention. The contract, which is updated annually, is funded by the City's General Fund, and includes funding for departmental supplies. The proposed project would pay into the General Fund, which would fund services for the LASD. Impacts would be less than significant.

c) Schools?

Less Than Significant Impact. The proposed project would result in the construction of 207 dwelling units. The proposed project would result in an increase of approximately 913 residents in the City of South El Monte. Potrero Elementary School and South El Monte High School in the El Monte City School District and El Monte Union High School District, respectively, would serve the proposed project. For the 2020-2021 enrollment year, Potrero Elementary School, which serves kindergarten through eighth-grade students, had an enrollment of 782 students, and South El Monte High School, which serves ninth- through twelfth-grade students, had an enrollment of 1,261 students (CDE 2021).

Table 17, *Estimated Project Student Generation,* shows the total enrollment for El Monte City School District and El Monte Union High School District and the project's estimated student generation.

[13] These are approximate time ranges only and could be affected by traffic conditions. Response times are variable because the responding unit may be elsewhere within the station's service area and not necessarily dispatched from the station itself.

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Table 17 Estimated Project Student Generation

	Enrollment 2019-2020[1]	Student Generation[2]	Estimated Project Student Generation
El Monte City School District	7,921	0.5[3]	457
El Monte Union High School District	8,299	0.2	183
Total	16,220	0.7	640

Sources and notes:
1 CDE 2021
2 El Monte 2011.
3 Elementary school generation rate (0.4) + Middle school generation rate (0.1)

As shown on Table 17, the proposed project would generate approximately 640 students. Individual projects in the City of South El Monte would be required to pay school impact fees under Government Code Section 65995. School fees levied by school districts under Senate Bill 50 (SB 50) are defined as comprising full mitigation for a project's impacts on public schools. Therefore, impacts would be less than significant.

d) Parks?

Less Than Significant Impact. According to the Resources Element of the City's General Plan, the city has one City-owned park (Mary Van Dyke Park) and three joint-use parks (New Temple Park, Dean Shively Park/School, and Potrero School), which totals to 636 acres. Whittier Narrows Regional Park is a 1,092-acre County-operated park that is south of the city. The City's goal is to provide a ratio of approximately 2 acres of parkland per 1,000 city residents, according to the Resources Element of the General Plan. Including Whittier Narrows Regional Park, the city has approximately 1,728 acres of parkland (South El Monte 2000).

The City currently requires 42.4 acres to meet the demand for parklands for the existing population of 21,204 residents. With the existing 636 acres of parkland, the City exceeds the minimum standard by approximately 594 acres. Using the City's parkland ratio of 2 acres of parkland per 1,000 residents, the proposed project would create a demand for 1.83 acres of parkland. With the implementation of the proposed project, the City's minimum parkland standard would be exceeded by 591 acres.

Additionally, Section 16.36.015, Park Land Dedications and Fees, of the South El Monte Municipal Code, requires that every person who constructs dwelling units or subdivides land for residential purposes pay a fee or dedicate land for parks. The proposed project would provide 140,080 square feet of landscaped areas, and the proposed Specific Plan provides landscape and open space guidelines. As indicated in the Specific Plan, the recreational center would include a pool and recreation building, open lawn area, and a community recreation area. Therefore, project implementation would result in a less than significant impact because the City exceeds the minimum standard for parkland, and the applicant would be required to pay parkland dedication fees.

e) Other public facilities?

Less Than Significant Impact. The only library in the City of South El Monte, South El Monte Library, is approximately 1.2 miles southeast of the project site. It is part of the Los Angeles County Library system that serves 49 of the 88 cities. The Los Angeles County Library guidelines recommend a minimum of 0.5 square foot per capita (Los Angeles County 2014). The South El Monte Library is 6,416 square feet (Los Angeles

County 2021). With the existing population of 21,204, there would be a need for 10,602 square feet of library space. Therefore, there is currently a deficiency of 4,186 square feet in library space.

Based on the recommended standard, the 913 residents of the project would generate the need for 456 square feet of library space, which would increase the existing deficiency to 4,642 square feet. The Los Angeles County Library also provides a wide range of electronic and digitized resources that do not require physical library space.

The LA County Library is a special fund department under the jurisdiction of the County Board of Supervisors. It is financed primarily by a dedicated share of property tax from the service areas, with other revenues including general fund contribution, a parcel tax, grants, and fees. The proposed project would generate its proportionate share of library funding through these mechanisms, and therefore, would not result in a significant impact.

3.17 RECREATION

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?			X	
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?			X	

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities, such that substantial physical deterioration of the facility would occur or be accelerated?

Less Than Significant Impact. Project development would create a demand for 1.83 acres of park space in the City of South El Monte. However, as substantiated above, the City of South El Monte would exceed the minimum parkland standard by 591 acres with project implementation. The Mary Van Dyke park is approximately 0.9 mile southeast of the site. The proposed project would include 140,080 square feet of landscaped areas. Additionally, the proposed Specific Plan would provide guidelines for landscape and open space. The recreation center would include various features, including but not limited to a pool and recreation building, open-play lawn, and community recreation area. Therefore, the proposed project would have a less than significant impact on neighborhood and regional parks and other recreational facilities in the City.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

Less Than Significant Impact. The proposed project would include approximately 140,080 square feet of landscaped areas, and would include recreational facilities. The construction associated with landscaped areas

and recreational facilities are included as part of the project site's development. The construction or expansion of such areas would not result in an adverse physical effect on the environment beyond those analyzed for the overall development of the project in this Initial Study/Mitigated Negative Declaration. Therefore, impacts would be less than significant.

3.18 TRIBAL CULTURAL RESOURCES

The analysis in this section is based in part on the following technical study:

- *Cultural and Paleontological Resources Assessment for the Starlite Residential Project,* Cogstone, May 2021 (Appendix C-a)

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code § 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or			X	
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code § 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code § 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.		X		

a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or

Less Than Significant Impact. As stated in Section 3.5(a), the Starlite Drive-in sign is eligible for listing under CRHR Criteria 1 and 3. However, the sign is not attributed to Native American tribes, and therefore, impacts would be less than significant.

ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

No Impact. Less Than Significant Impact. Less Than Significant Impact With Mitigation Incorporated. A Sacred Lands File (SLF) search was requested from the Native American Heritage Commission on February 12, 2021, and it indicated that there are sacred lands or resources known within the project area (Cogstone 2021, Appendix C-a). The NAHC recommended that eight representatives from local Native American tribes be contacted for further information. In accordance with SB 18 and AB 52, the City informed the tribes of the proposed project, and consulted with the Gabrieleno Band of Mission Indians–Kizh Nation on June 3, 2021. The tribe requested mitigation to reduce potential impacts to tribal cultural resources. Since the proposed project would require ground-disturbing activities, Mitigation Measure TCR-1 through Mitigation Measure TCR-3 would be implemented to ensure potential impacts to tribal cultural resources are reduced to a less than significant level.

Mitigation Measures

TCR-1 **Retain a Native American Monitor Prior to Commencement of Ground-Disturbing Activities.**

- The project applicant/lead agency shall retain a Native American monitor from (or approved by) the Gabrieleño Band of Mission Indians – Kizh Nation (the "Kizh" or the "Tribe") - the direct lineal descendants of the project location. The monitor shall be retained prior to the commencement of any "ground-disturbing activity" for the subject project, at all project locations (i.e., both on-site and any off-site locations that are included in the project description/definition and/or required in connection with the project, such as public improvement work). "Ground-disturbing activity" includes, but is not limited to, pavement removal, potholing, auguring, grubbing, tree removal, boring, grading, excavation, drilling, and trenching.
- A copy of the executed monitoring agreement shall be provided to the lead agency prior to the earlier of the commencement of any ground-disturbing activity for the project, or the issuance of any permit necessary to commence a ground-disturbing activity.
- The project applicant/developer shall provide the Tribe with a minimum of 30 days advance written notice of the commencement of any project ground-disturbing activity so that the Tribe has sufficient time to secure and schedule a monitor for the project.
- The project applicant/developer shall hold at least one (1) pre-construction sensitivity/educational meeting prior to the commencement of any ground-disturbing activities, where at a senior member of the Tribe will inform and educate the project's construction and managerial crew and staff members (including any project subcontractors and consultants) about the TCR mitigation measures and compliance

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obligations, as well as places of significance located on the project site (if any), the appearance of potential TCRs, and other informational and operational guidance to aid in the project's compliance with the TCR mitigation measures.

- The monitor will complete daily monitoring logs that will provide descriptions of the relevant ground-disturbing activities, the type of construction activities performed, locations of ground-disturbing activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Tribe. Monitor logs will identify and describe any discovered TCRs, including but not limited to, Native American cultural and historical artifacts, remains, places of significance, etc., (collectively, tribal cultural resources, or "TCR"), as well as any discovered Native American (ancestral) human remains and burial goods. Copies of monitor logs will be provided to the project applicant/lead agency upon written request.
- Native American monitoring for the project shall conclude upon the latter of the following: (1) written confirmation from a designated project point of contact to the Tribe that all ground-disturbing activities and all phases that may involve ground-disturbing activities on the project site and at any off-site project location are complete; or (2) written notice by the Tribe to the project applicant/lead agency that no future, planned construction activity and/or development/construction phase (known by the Tribe at that time) at the project site and at any off-site project location possesses the potential to impact TCRs.

TCR-2 **Discovery of TCRs, Human Remains, and/or Grave Goods.**

- Upon the discovery of a TCR, all construction activities in the immediate vicinity of the discovery (i.e., not less than the surrounding 50 feet) shall cease. The Tribe shall be immediately informed of the discovery, and a Kizh monitor and/or Kizh archaeologist will promptly report to the location of the discovery to evaluate the TCR and advise the project manager regarding the matter, protocol, and any mitigating requirements. No project construction activities shall resume in the surrounding 50 feet of the discovered TCR unless and until the Tribe has completed its assessment/evaluation/recovery of the discovered TCR and surveyed the surrounding area.
- The Tribe will recover and retain all discovered TCRs in the form and/or manner the Tribe deems appropriate in its sole discretion, and for any purpose the Tribe deems appropriate, including but not limited to, educational, cultural and/or historic purposes.
- If Native American human remains and/or grave goods are discovered or recognized on the project site or at any off-site project location, then all construction activities shall immediately cease. Native American "human remains" are defined to include "an inhumation or cremation, and in any state of decomposition or skeletal completeness." (Pub. Res. Code § 5097.98 (d)(1).) Funerary objects, referred to as "associated grave goods," shall be treated in the same manner and with the same dignity and respect as human remains. (Pub. Res. Code § 5097.98 (a), d)(1) and (2).)

- Any discoveries of human skeletal material or human remains shall be immediately reported to the County Coroner (Health & Safety Code § 7050.5(c); 14 Cal. Code Regs. § 15064.5(e)(1)(B)), and all ground-disturbing project ground-disturbing activities on site and in any other area where the presence of human remains and/or grave goods are suspected to be present, shall immediately halt and remain halted until the coroner has determined the nature of the remains. (14 Cal. Code Regs. §15064.5(e).) If the coroner recognizes the human remains to be those of a Native American or has reason to believe they are Native American, he or she shall contact, within 24 hours, the Native American Heritage Commission, and Public Resources Code Section 5097.98 shall be followed.
- Thereafter, construction activities may resume in other parts of the project site at a minimum of 200 feet away from discovered human remains and/or grave goods, if the Tribe determines in its sole discretion that resuming construction activities at that distance is acceptable and provides the project manager express consent of that determination (along with any other mitigation measures the Tribal monitor and/or archaeologist deems necessary). (14 Cal. Code Regs. § 15064.5(f).)
- Preservation in place (i.e., avoidance) is the preferred manner of treatment for discovered human remains and/or grave goods.
- Any historic archaeological material that is not Native American in origin (non-TCRs) shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, it shall be offered to a local school or historical society in the area for educational purposes.
- Any discovery of human remains and/or grave goods discovered and/or recovered shall be kept confidential to prevent further disturbance.

TCR-3 **Procedures for Burials, Funerary Remains, and Grave Goods.**

- As the Most Likely Descendant ("MLD"), the Koo-nas-gna Burial Policy shall be implemented for all discovered Native American human remains and/or grave goods. Tribal Traditions include, but are not limited to, the preparation of the soil for burial, the burial of funerary objects and/or the deceased, and the ceremonial burning of human remains.
- If the discovery of human remains includes four (4) or more burials, the discovery location shall be treated as a cemetery and a separate treatment plan shall be created.
- The prepared soil and cremation soils are to be treated in the same manner as bone fragments that remain intact. Associated "grave goods" (aka, burial goods or funerary objects) are objects that, as part of the death rite or ceremony of a culture, are reasonably believed to have been placed with individual human remains either at the time of death or later, as well as other items made exclusively for burial purposes or to contain human

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remains. Cremations will either be removed in bulk or by means necessary to ensure complete recovery of all sacred materials.

- In the case where discovered human remains cannot be fully recovered (and documented) on the same day, the remains will be covered with muslin cloth and a steel plate that can be moved by heavy equipment placed over the excavation opening to protect the remains. If this type of steel plate is not available, a 24-hour guard should be posted outside of working hours. The Tribe will make every effort to divert the project while keeping the remains in situ and protected. If the project cannot be diverted, it may be determined that burials will be removed.
- In the event preservation in place is not possible despite good faith efforts by the project applicant/developer and/or landowner, before ground-disturbing activities may resume on the project site, the landowner shall arrange a designated site location within the footprint of the project for the respectful reburial of the human remains and/or ceremonial objects. The site of reburial/repatriation shall be agreed upon by the Tribe and the landowner, and shall be protected in perpetuity.
- Each occurrence of human remains and associated grave goods will be stored using opaque cloth bags. All human remains, grave goods, funerary objects, sacred objects and objects of cultural patrimony will be removed to a secure container on site if possible. These items will be retained and shall be reburied within six months of recovery.
- The Tribe will work closely with the project's qualified archaeologist to ensure that the excavation is treated carefully, ethically and respectfully. If data recovery is approved by the Tribe, documentation shall be prepared and shall include (at a minimum) detailed descriptive notes and sketches. All data recovery data recovery-related forms of documentation shall be approved in advance by the Tribe. If any data recovery is performed, once complete, a final report shall be submitted to the Tribe and the NAHC. The Tribe does NOT authorize any scientific study or the utilization of any invasive and/or destructive diagnostics on human remains.

3.19 UTILITIES AND SERVICE SYSTEMS

Would the project:

	Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?			X	
b)	Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?			X	
c)	Result in a determination by the waste water treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X	
d)	Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?			X	
e)	Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?				X

b) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Less Than Significant Impact. Following is a discussion of the proposed project's potential impacts on water facilities, wastewater treatment, stormwater drainage, electric power infrastructure, natural gas facilities, and telecommunications infrastructure. The proposed project would replace the recently closed swap meet and includes one single-family home in the northeast corner of the site. Therefore, the existing water demand, wastewater disposal need, solid waste generation, and electricity and natural gas consumption are negligible.

Water Supply Facilities

The SGVWC would provide potable water to the project site. SGVWC's current service area covers approximately 45 square miles, which includes all or portions of the cities of Arcadia, Baldwin Park, El Monte, Industry, Irwindale, La Puente, Montebello, Monterey Park, Pico Rivera, Rosemead, San Gabriel, Santa Fe Springs, South El Monte, West Covina, and Whittier and unincorporated areas of Los Angeles County including Hacienda Heights and South San Gabriel. The water company's main water supply source is groundwater from the Main San Gabriel Basin (Main Basin). Other sources include groundwater from the Coastal Plain of Los Angeles Central Basin, recycled water, and imported treated water from the MWD. Groundwater from the Main Basin has historically accounted for approximately 90.0 percent of SGVWC's water supply. Since 2007 the use of recycled water has averaged about 6.0 percent of water supplies, decreasing the need for groundwater from

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the Central Basin and eliminating the need for water supplies from MWD. MWD supplies are still available to SGVWC as an emergency water supply source if needed (SGVWC 2017).

SGVWC pumps groundwater from the Main Basin from 30 active wells that have a combined capacity of about 57,300 gallons per minute (gpm). Additionally, the water company pumps groundwater from the Central Basin from three active wells with a combined capacity of about 6,700 gpm. Furthermore, the water company provides recycled water for nonpotable irrigation use. Recycled water supply is produced by the Sanitation Districts of Los Angeles County's San Jose Creek Water Reclamation Plant and Whittier Narrows Water Reclamation Plant. Recycled water deliveries averaged approximately 2,200 afy from 2011 to 2015. SGVWC can also supply up to 6,735 gpm from MWD's Middle Feeder. The water company has not experienced water supply constraints or deficiencies and groundwater supplies are managed based on adjudications. The 2015 Urban Water Management Plan indicates that water demands can be met during normal, single dry, and multiple dry years over the next 20 years.

Water demand estimates for the proposed project are included in Table 18, *Proposed Project Water Demands*. As shown in the table, the proposed project would require approximately 42,964 gallons per day (48.1 afy) of potable water.

Table 18 Proposed Project Water Demands

Land Use	Dwelling Units/ Square Footage	Generation Rate	Total (gpd)
Multifamily Residential	207du	172 gpd/du[1]	35,604
Pool	9,000 SF	0.01 gpd/SF	894
Landscaping	146,927 SF[2]	—	6,466[3]
Total	—	—	**42,964**

Source: LACSD 2019; DWR 2017; Forma 2021; CAPCOA 2017.
Notes: gpd = gallons per day, SF = square feet, du = dwelling units
1 LACSD provides loading rates for wastewater for specific land uses. It is assumed that wastewater generation is 90.0 percent of indoor water use. The wastewater generation rate for residential developments with five units or more is 156 gpd/dwelling unit.
2 The landscaped area is assumed to be the sum of the square footage for private enclosed yards and the square footage for the common open space landscaped areas.
3 Water use for landscaping is based on the California Department of Water Resources' Water Budget Workbook for New and Rehabilitated Residential Landscapes. Precipitation for the City of Los Angeles was used.

SGVWC's water demand for the year 2020 was approximately 35,100 afy which is projected to increase to approximately 45,450 in the year 2040. The proposed project's annual water demand accounts for approximately 0.1 percent of SGVWC's current annual demand, which is minimal in comparison the water company's total demand. Furthermore, SGVWC estimates that it will have sufficient water supplies to meet proposed growth for normal, single-dry, and multiple-dry years. Therefore, the proposed project development would not require the construction of new or expanded water supply or treatment facilities. Impacts would be less than significant, and no mitigation measures are necessary.

Wastewater Treatment Facilities

Wastewater generated by the land uses in the City is treated by LACSD. Wastewater is collected within the City's local sewer collection system. The City's local sewers tie into one of LACSD's regional trunk sewers. Wastewater

from the City's service area is collected and treated at the Whittier Narrows Water Reclamation Plant (WNWRP). The WNWRP is a tertiary wastewater treatment plant located at 301 North Rosemead Boulevard, El Monte, and currently receives wastewater from Alhambra, Arcadia, Azusa, Bradbury, City of Industry, Duarte, El Monte, Glendale, Irwindale, La Cañada Flintridge, Los Angeles, Monrovia, Monterey Park, Pasadena, Rosemead, San Gabriel, San Marino, Sierra Madre, South El Monte, South Pasadena, and Temple City. The plant has a design capacity of 15 million gallons per day (mgd) (LARWQCB 2014).

The amount of wastewater that would be generated by the proposed project is conservatively assumed to be 34,673 gpd. This value is calculated by adding the indoor water use to the water demand for the outdoor pool and multiplying by 95.0 percent to account for system losses. The amount of wastewater that would be generated is less than 1.0 percent of the WNWRP's treatment capacity. Therefore, the proposed project would not require the construction of new or expanded wastewater treatment facilities. Impacts would be less than significant, and no mitigation measures are necessary.

Stormwater Drainage Facilities

See response to Section 3.10.c.iii. As substantiated in this section, impacts would be less than significant, and no mitigation measures are necessary.

Electricity Facilities

Electrical needs for the project site would be provided by SCE via existing infrastructure in the immediate area of the project site. SCE obtains electricity from conventional and renewable sources. The proposed project would have a total annual electricity demand of 1,577,002 kWh (see Appendix B).

Total mid-electricity consumption in SCE's service area is forecast to increase by approximately 10,000 GWh between 2018 and 2030 (CEC 2018). SCE forecasts that it will have sufficient electricity supplies to meet demands in its service area; and the electricity demand due to the project is within the forecast increase in SCE's electricity demands. Project development would not require SCE to obtain new or expanded electricity supplies.

Additionally, the proposed project would be designed using green building practices, including those of the most current Building Energy Efficiency Standards (Title 24, California Code of Regulations, Part 6) and California Green Building Standards Code (CALGreen: Title 24, California Code of Regulations, Part 11). Both standards contain energy efficiency requirements for newly constructed buildings.

Therefore, impacts would be less than significant, and no mitigation measures are necessary.

Natural Gas Facilities

Natural gas needs to the project site would be provided by the Southern California Gas Company (SoCalGas) via existing infrastructure in the immediate area of the project site. The proposed project would have a total annual natural gas demand of 4,954,623 kBTU (see Appendix B).

SoCalGas' service area spans much of the southern half of California, from Imperial County on the southeast to San Luis Obispo County on the northwest, to part of Fresno County on the north, to Riverside County and

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most of San Bernardino County on the east (CEC 2016). Total natural gas supplies available to SoCalGas are forecast to remain at 3,175 million cubic feet per day (MMCF/day) from 2020 through 2022, then increase to 3,435 MMCF/day from 2024 to 2035. Total natural gas consumption in SoCalGas's service area is forecast to decline slightly from 2,462 MMCF/day in 2020 to 2,103 MMCF/day in 2035 (CGEU 2018).

SoCalGas projects that it will have sufficient supplies to meet the demands in its service area. Therefore, the proposed project's natural gas demand is within SoCalGas's forecast increase, and the proposed project would not require SoCalGas to obtain new or expanded natural gas supplies. Impacts would be less than significant, and no mitigation measures are necessary.

Telecommunication Facilities

The proposed project would include on-site connections to telecommunication services. The construction-related impacts associated with these improvements are analyzed throughout this Initial Study as part of project development. Impacts would be less than significant, and no mitigation measures are necessary.

c) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

Less Than Significant Impact. SGVWC has adequate water supplies to meet project water demands, as substantiated above in Section 3.19.a.

The proposed project's landscaping would be installed and maintained in compliance with Chapter 17.25, Water Efficient Landscaping, of the South El Monte Municipal Code, which sets landscape design standards for water conservation. The proposed project would also implement the requirements of Chapter 8.46, Water Conservation. The purpose of this chapter is to establish water conservation measures, ensure reasonable and beneficial use of water, prevent waste of water, and maximize the efficient use of water in South El Monte to avoid and minimize the effects of drought on city residents and businesses.

Furthermore, development of the proposed project would be required to comply with the provisions of CALGreen, which contains requirements for indoor water use reduction and site irrigation conservation. Specifically, project development would be required to adhere to mandatory residential measures in Division 4.3, Water Efficiency and Conservation, of CALGreen, including Sections 4.303, Indoor Water Use, and 4.304, Outdoor Water Use.

Based on the preceding, there are adequate water supplies to meet the water demands of the proposed project, and project development would not require SGVWC to obtain new or expanded water supplies. Therefore, impacts on water supplies due to project development would be less than significant, and no mitigation measures are necessary.

d) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less Than Significant Impact. As substantiated in Section 3.19.a, there is existing wastewater treatment capacity in the region for estimated project wastewater generation. Project development would not require construction of new or expanded wastewater treatment facilities. Therefore, impacts would be less than significant, and no mitigation measures are necessary.

e) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less Than Significant Impact. Athens Services hauls residential solid waste from South El Monte. In 2019, approximately 61.0 percent of the municipal solid waste landfilled from South El Monte was disposed of at the Mid-Valley Sanitary Landfill. The San Timoteo Sanitary Landfill received 20.0 percent of the waste in the same year (CalRecycle 2019a). Capacity and disposal data for these two landfills are shown in Table 19, *Landfill Capacity*. As shown in the table, the landfills have a combined residual capacity of 4,860 tons per day.

Table 19 Landfill Capacity

Landfill	Current Remaining Capacity (tons)[1]	Maximum Daily Disposal Capacity (tons/day)	Average Daily Disposal, 2017 (tons)[2]	Residual Daily Disposal Capacity (tons)	Estimated Close Date
Mid-Valley Sanitary Landfill	61,219,377	7,500	3,718	3,782	2045
San Timoteo Sanitary Landfill	12,360,396	2,000	922	1,078	2039
Total	73,579,773	9,500	4,640	4,860	NA

Sources: CalRecycle 2019b, 2019c, 2019d.
1 A Volume-to-Weight conversion rate of 2,000 lbs/cubic yard (1 ton/cubic yard) for "Compacted - MSW Large Landfill with Best Management Practices" is used as per CalRecycle's 2016 Volume-to-Weight Conversion Factors https://www.epa.gov/sites/production/files/201604/documents/volume_to_weight_conversion_factors_memorandum_04192016_508fnl.pdf.
2 Average daily disposal is calculated based on 300 operating days per year. The two facilities are open six days per week, Monday through Saturday, except certain holidays.

The proposed project is estimated to generate approximately 1,772 pounds (or 0.89 ton) of solid waste per day, as shown in Table 20, *Proposed Project Solid Waste Generation*.

Table 20 Proposed Project Solid Waste Generation

Land Use	Dwelling Unit	Generation Rate (lbs/dwelling unit/day)	Total (lbs/day)
Residential Use	207	8.6	1,780

Source: CalRecycle 2019e.
Notes: ppd = pounds per day

As demonstrated in Tables 19 and 20, the total amount of solid waste expected to be generated by the proposed project would be minimal compared to the residual daily disposal capacity of the two main landfills serving the city.

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Furthermore, substantial reductions in solid waste from construction materials can be achieved through recycling, reuse, and diversion programs. CALGreen Section 4.408 requires diversion of 65.0 percent of nonhazardous construction and demolition waste through recycling, reuse, and diversion programs. Chapter 13.12, Article X, Recycling of Construction and Demolition Debris, of the City's municipal code requires that construction contractors develop and submit a plan to recycle and salvage the projected construction and demolition debris prior to receiving a permit from the city for any construction activities.

Based on the preceding, impacts on landfill capacity would be less than significant, and no mitigation measures are necessary.

f) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

No Impact. See response to section 3.19.d, above.

Additionally, the following federal, State, and local laws and regulations govern solid waste disposal:

- USEPA's Resource Conservation and Recovery Act of 1976 and the Solid Waste Disposal Act of 1965, which govern solid waste disposal.
- Assembly Bill (AB) 341 (Chapter 476, Statutes of 2011) which increases the statewide waste diversion goal to 75.0 percent by 2020, and mandates recycling for commercial and multifamily residential land uses.
- AB 939 (Integrated Solid Waste Management Act of 1989; Public Resources Code 40050 et seq.), which required every California city and county to divert 50.0 percent of its waste from landfills by the year 2000 by such means as recycling, source reduction, and composting. In addition, AB 939 required each county to prepare a countywide siting element specifying areas for transformation or disposal sites to provide capacity for solid waste generated in the county that cannot be reduced or recycled for a 15-year period.
- AB 1327 (California Solid Waste Reuse and Recycling Access Act of 1991), which requires local agencies to adopt ordinances mandating the use of recyclable materials in development projects.

Project-related construction and operation phases would be implemented in accordance with all applicable federal, State, and local laws and regulations that govern solid waste disposal. Therefore, no impact would occur and no mitigation measures are necessary.

3.20 WILDFIRE

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones (FHSZ), would the project:

	Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)	Substantially impair an adopted emergency response plan or emergency evacuation plan?			X	
b)	Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?			X	
c)	Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?			X	
d)	Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?			X	

a) Substantially impair an adopted emergency response plan or emergency evacuation plan?

Less Than Significant Impact. The proposed project would not conflict with adopted emergency response or evacuation plans. The surrounding roadways would continue to provide emergency access to the project area and surrounding properties during construction and postconstruction. An additional entry would be created off of Chico Avenue and would provide access to the site from the eastern boundary. The proposed project would not result in inadequate emergency access, and impacts to adopted emergency response and evacuation plans are less than significant.

b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

Less Than Significant Impact. There are three primary factors used in assessing wildfire hazards—topography, weather, and fuel. The project site is relatively flat and is in an urbanized environment. The proposed project would not impact weather or topography. At project completion, the project site would consist of 207 dwelling units (408,104 square feet), and 140,080 square feet of landscaped areas. According to CAL FIRE's Fire and Resource Assessment Program, the project area is not in a Very High FHSZ (CAL FIRE 2021). Therefore, impacts of exposing project occupants to pollutant concentrations from or exacerbating a wildfire would be less than significant.

3. Environmental Analysis

c) **Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?**

Less Than Significant Impact. The proposed project would require utility connections and new infrastructure for electricity, natural gas, telecommunications, and cable service. As indicated above, the project site is not in a very high FHSZ. The project site is in a highly urbanized part of the city; the proposed project would not add infrastructure such as roads or overhead power lines in areas with wildland vegetation. Therefore, impacts of exacerbating fire risks on the environment would be less than significant.

d) **Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?**

Less Than Significant Impact. The project site is relatively flat. The project site is not in an area designated as having a potential for landslides and is not in a 100-year flood hazard zone (FEMA 2008). Therefore, it is unlikely that the site would be susceptible to downslope or downstream flooding or landslides as a result of post-fire slope instability. The project site is not in a very high FHSZ. Impacts would be less than significant.

3.21 MANDATORY FINDINGS OF SIGNIFICANCE

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?		X		
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)			X	
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?			X	

a) **Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially**

reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Less Than Significant Impact With Mitigation Incorporated. The project site is in an urban setting, surrounded by development. The project site is paved and vacant except for a structure at the northeast corner of the site. Project development would not degrade the quality of the environment or reduce the population, range, or habitat of a species of fish or wildlife or a rare or endangered plant or animal species. The proposed project would impact the Starlite Drive-in sign, which is recommended individually eligible for listing in CRHR under Criterion 3. With the implementation of Mitigation Measures CUL-1, CUL-2, and CUL-3, impacts to historical resources would be reduced to less than significant.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)

Less Than Significant Impact. The proposed project would consist of the construction of 207 dwelling units on the project site. As the proposed project would be within the SCAG growth forecasts for the city, the proposed project would not result in cumulative impacts.

c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

Less Than Significant Impact. The proposed project would increase the number of dwelling units in the City by 207 units. As demonstrated in this Initial Study, the proposed project would not substantially increase environmental effects that would directly or indirectly affect human beings. Impacts would be less than significant.

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Appendix A Draft Specific Plan

Appendix

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Appendix B Air Quality/GHG Modeling

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Appendix C-a Cultural and Paleontological Report

Appendix

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Appendix C-b Cultural and Paleontological Report Mitigation Measures

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Appendix D-a Traffic Impact Analysis

Appendix

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Appendix D-b Vehicle Miles Traveled Evaluation

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Appendix E Geotechnical Investigation

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Appendix F Phase I ESA

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Appendix G Preliminary Hydrology and LID Report

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Appendix H Noise Analysis

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Appendix I Service Provider Letters

Appendix

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Appendix A Draft Specific Plan

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STARLITE SPECIFIC PLAN

SCREENCHECK #1

March 03, 2021

prepared for: KB Home
prepared by: KTGY Group



STARLITE

SPECIFIC PLAN SCREENCHECK #1

MARCH 03, 2021

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1
INTRODUCTION

1.1 Purpose and Objective of the Specific Plan

The Starlite Specific Plan provides a detailed description of the proposed land use, infrastructure, and implementation requirements for the Starlite project located on State Route 19 (SR-19)/Rosemead Boulevard in the City of South El Monte, California. The Specific Plan will be processed through the City of South El Monte, California. The Design Guidelines contained in this Specific Plan will assist in creating a sense of place and high-quality development on the project site. The Development Regulations will establish permitted uses, building setbacks, and general development criteria.

The Starlite Specific Plan is consistent with the applicable goals and policies of the City of South El Monte General Plan. The provisions and regulations contained in the Specific Plan shall apply to the Starlite project area, and shall prevail in instances of conflict with the provisions and regulations of the South El Monte Municipal Code (SEMMC) that regulate the same subject matter. Where the Specific Plan is silent on an issue, the regulations and standards contained in the SEMMC or other applicable city, state or federal code that regulate the same issue shall apply.

The Specific Plan area is located at the former Starlite swap meet site in the industrial suburb of South El Monte. Opened in the 1950s, the all year operating theater parking lot accommodated up to 860 vehicles. The drive-in was a culture-changing phenomenon on a large property open to the public after dark. The theatre parking lot was simultaneously used for a daytime outdoor swap meet shortly after its opening. After the closure of the drive-in theater in 1997, the site continued to be used for weekend swap meets. On any given weekend day vendors began arriving at the break of dawn, driving their packed vehicles through the swap meet's main entrance. The theater and swap meet offered entertainment at night and a business venue during the day.

Today, the Starlite swap meet is permanently closed. A new residential development is proposed on the site. The Starlite Specific Plan will enhance the community character and implement a vision that maximizes the site's future potential, and contributes toward the City's objective to meet the State of California's housing production goals.



Existing Site Photo

This Specific Plan is an implementation tool that:

- Implements a local response to the statewide housing crisis.
- Provides development standards and design guidance for on-site residential development.
- Develops a plan that can be implemented based on existing and anticipated future economic conditions.
- Assures appropriate financing for infrastructure, including domestic water, urban runoff and drainage facilities, and sewage disposal.

1.2 Authority and Format of the Specific Plan

The State of California Legislature has established the authority and scope to prepare and implement specific plans. The State requires that all cities and counties in California prepare and adopt a comprehensive General Plan for the physical development of their areas of jurisdiction. To implement the policies described in the General Plan, regulating programs are adopted (e.g., zoning ordinances, subdivision ordinances, building and housing codes, etc.). California State law authorizes cities with complete General Plans to prepare and adopt specific plans (*Government Code Section 65450 – 65457*). Local planning agencies or their legislative bodies may designate areas within their jurisdiction as areas for which a specific plan is “necessary or convenient” (*Government Code Section 65451*).

Specific plans are intended to serve as bridges between the local General Plan and the individual development proposal for a specific area. Specific plans contain both planning policies and regulations, and may combine zoning regulations, capital improvement programs, and other regulatory requirements into one document.

The Starlite Specific Plan has been created through the authority granted to the City of South El Monte by the *California Government Code, Sections 65450* through *65453*. This Specific Plan has been prepared in accordance with the provisions of the California Government Code, which stipulate that a specific plan contain text and diagrams specifying the following:

- **Land Use:** The specific plan must specify the distribution, location, and extent of the uses of land, including open space, within the area covered by the plan. This discussion is included in *Section 3.2, Land Use Plan*, of this Specific Plan.

- **Public Facilities:** The specific plan must show the proposed distribution, location, extent, and intensity of major components of public and private transportation, wastewater, water, drainage, solid waste disposal, energy, and other essential facilities located within the area covered by the plan, and needed to support the land uses described in the plan. This discussion is included in *Section 3.3, Circulation Plan, Section 3.4, Infrastructure Plan*, and Section 3.5, Dry Utilities and Public Services, of this Specific Plan.

- **Development Standards:** The specific plan must include standards and criteria by which development will proceed, and standards for the conservation, development, and utilization of natural resources, where applicable. This discussion is contained in *Chapter 5, Development Regulations*, of this Specific Plan.

- **Implementation Measures:** The specific plan must include a program of implementation measures, including regulations, programs, and financing measures. A discussion of these topics is included throughout *Chapter 6, Implementation*, of this Specific Plan.

- **General Plan Consistency:** The specific plan must include a statement of the relationship of the specific plan to the General Plan. An analysis of the Starlite Specific Plan's consistency with the City's General Plan is contained in *Appendix A, Consistency with City of South El Monte General Plan*, of this Specific Plan.

- **Optional Contents:** The specific plan may address any other subject that, in the judgment of the City, is necessary or desirable for implementation of the General Plan. Community building, landscape, architectural, and sustainable design guidelines in *Chapter 4, Design Guidelines*, of this Specific Plan.

1.3 Specific Plan Area Location

The 12.3-acre project site is located in the northern portion of the City of South El Monte, California. The Starlite Specific Plan area is located to the east of State Route 19 (SR-19)/Rosemead Boulevard and west of Chico Avenue. Regional access to the site, depicted on *Exhibit 1.1, Regional Context,* is available from the north via Interstate I-10 and from the south via State Route 60 (SR-60). Local access to the site is depicted on *Exhibit 1.2, Local Context*. Local access from both I-10 and SR-60 is provided by Rosemead Boulevard.

1.4 Specific Plan Summary

The Starlite Specific Plan project is the result of intensive planning and careful design to create a high quality infill project. The Starlite Specific Plan includes up to 207 single- and multi-family dwelling units on the approximately 12.3-acre project site. The project consists of attached and detached two-, three-, and four-bedroom dwelling units, a recreation center, and common open space.

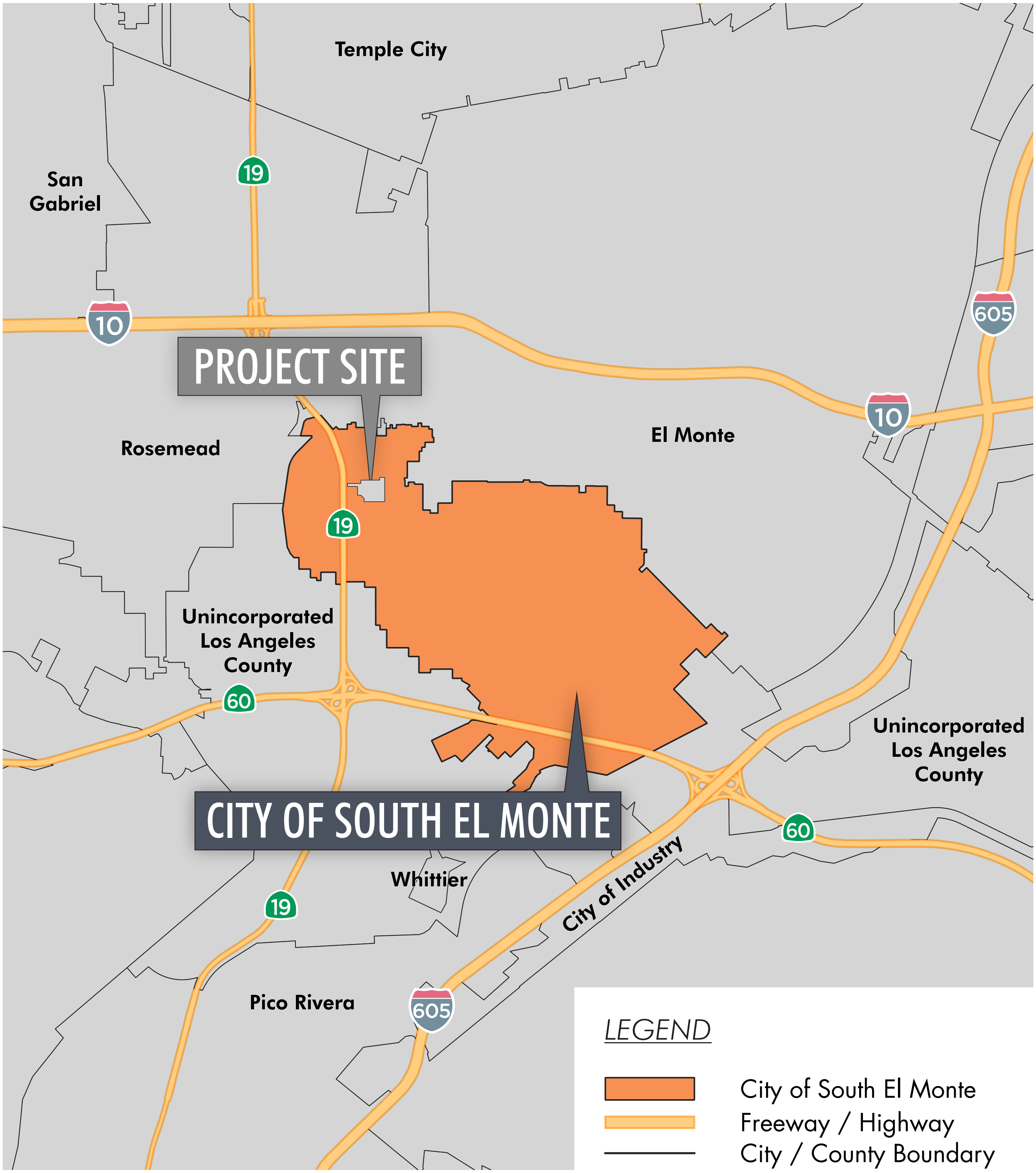
The Starlite Specific Plan incorporates place-making principles to create a pedestrian-friendly development. The common open spaces may contain paseo, a recreation center and landscaped space. The Specific Plan area will have a unifying landscape theme, including a system of courtyards and amenity spaces throughout the project site that maximize access to the outdoors.

1.4.1 Specific Plan Goals

The Starlite Specific Plan is envisioned as a catalyst for the local area and the Rosemead Boulevard corridor. The Starlite Specific Plan is designed to implement a series of realistic and achievable project objectives that will help to implement the applicable City of South El Monte General Plan goals and policies, and ensure that the project is implemented as a high-quality community. These objectives, which are identified below, have been refined throughout the planning and design process.

- Include a variety of housing types, including units affordable to moderate-income earners, consistent with the goals and policies of the City of South El Monte General Plan.

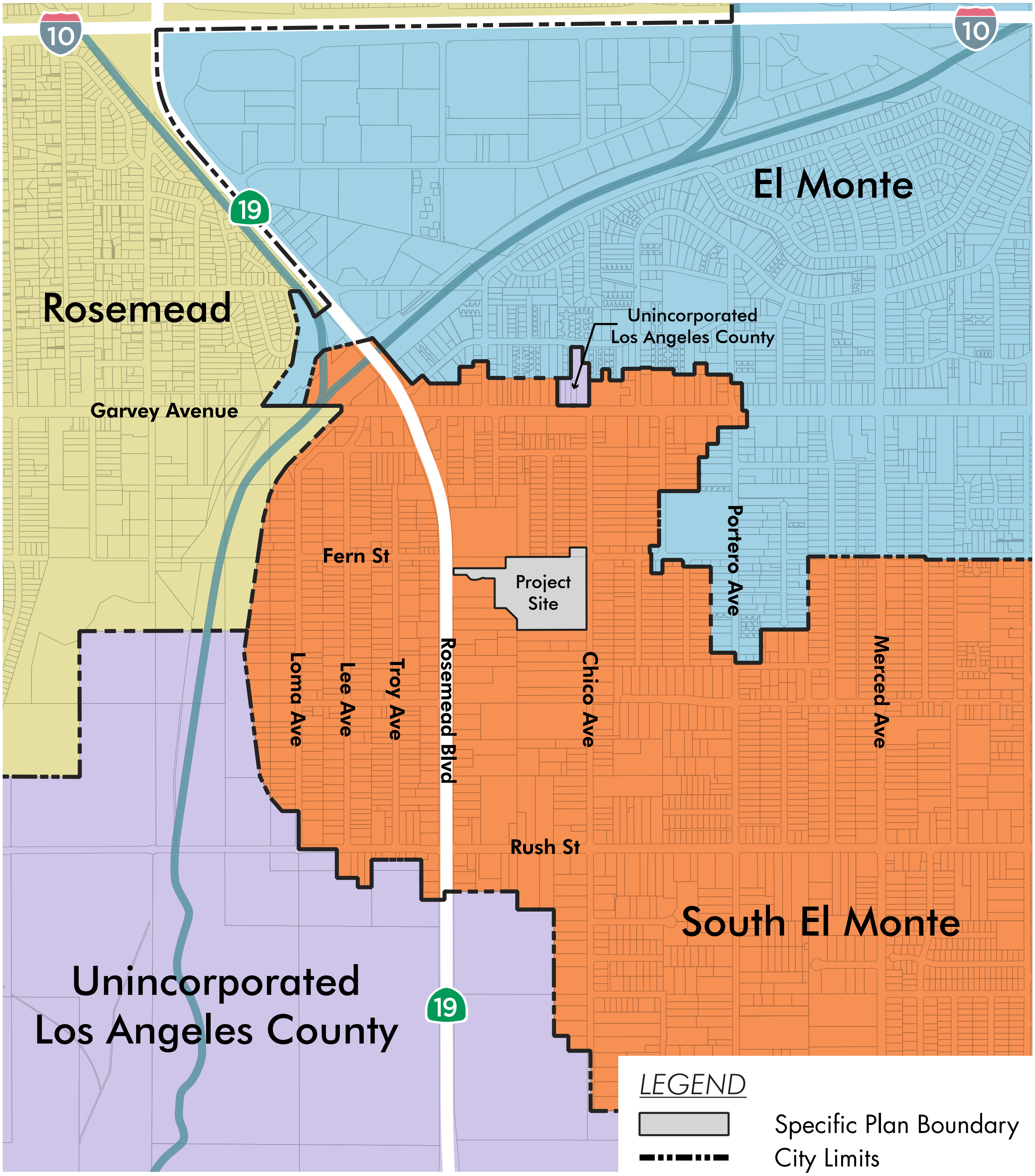
- Include an enhanced-level of community recreational amenities, including but not limited to, a pool and spa.



Source: County of Los Angeles

N. T. S.

Exhibit 1.1, Regional Context



N. T. S.

Source: County of Los Angeles

Exhibit 1.2, Local Context

- Utilize unique public financing programs to provide flexibility in the use of impact fees, boosting programs/services for the greater community.

- Provide a greater horizontal separation (buffer) from existing single-family homes abutting the site than a typical side yard setback.

- Provide new infill housing on a vacant and under utilized site.

- Promote a pedestrian-friendly environment by including sidewalks with street trees and paseos throughout the community and establishing a strong sense of neighborhood.

1.5 Discretionary Actions and Approvals

The City of South El Monte is the Lead Agency for purposes of California Environmental Quality Act (CEQA) compliance. These actions are required to implement this Specific Plan:

- General Plan Amendment: A General Plan Amendment will be necessary to change the General Plan land use designation of the entire property from the current "Commercial-Manufacturing" (CM) and "Medium Density Residential" (MDR) to "Medium Density Residential" (MDR).

- Zone Change: An approval of a Zone Change will be necessary to change the zoning of the entire property from the current "Commercial Manufacturing" (C-M) and "Medium Density Residential" (R-3) to "Specific Plan" (SP) on the City's Zoning Map.

- Specific Plan: The Starlite Specific Plan has been prepared to realize the objectives of the proposed project as defined herein. The Specific Plan will be adopted by Resolution by the City of South El Monte City Council, with the Development Regulations chapter adopted by Ordinance.

- Vesting Tentative Tract Map (VTTM): A VTTM for the Specific Plan area will be prepared and processed through the City in accordance with Chapter 16 of the SEMMC and in accordance with the Subdivision Map Act of the California Government Code.

- Environmental Document: Language TBD after Initial Study and environmental determination have been made.

Final Maps will require approval by the City Council. There will also be subsequent, non-discretionary permits (e.g. grading permits, ministerial approvals, and conditions of approval) that would be necessary to implement the project.

2

PLANNING CONTEXT

2.1 Relationship to the General Plan and Zoning Code of the City of South El Monte

As required by State Law, the Starlite Specific Plan is consistent with the applicable goals and policies contained in the adopted City of South El Monte General Plan. The goals and policies identified within each element of the General Plan have been evaluated, and a statement of compliance with the General Plan has been included in *Appendix A, General Plan Consistency Analysis*. This Specific Plan serves as zoning for the Specific Plan area.

2.1.1 General Plan Land Use

According to the General Plan, the Specific Plan area is designated as "Commercial-Manufacturing" (CM) and "Medium Density Residential" (MDR). A General Plan Amendment is requested to establish "Medium Density Residential" (MDR) as the land use designation for the Specific Plan area (See *Exhibit 2.1, Existing General Plan Land Use Designation* and *Exhibit 2.2, Proposed General Plan Land Use Designation*).

2.1.2 Zoning

The City's current zoning designations for the Specific Plan area is "Commercial Manufacturing" (C-M) and "Medium Density Residential" (R-3). A Zone Change is requested to change the zoning designation of the project site from C-M and R-3 to "Specific Plan" (SP). (See *Exhibit 2.3, Existing Zoning Map* and *Exhibit 2.4, Proposed Zoning Map*).

2.2 Project Context and Surrounding Land Uses

The site is surrounded by a number of uses that influence the design of the project. These influences are shown on *Exhibit 2.5, Surrounding Uses*, and described below:

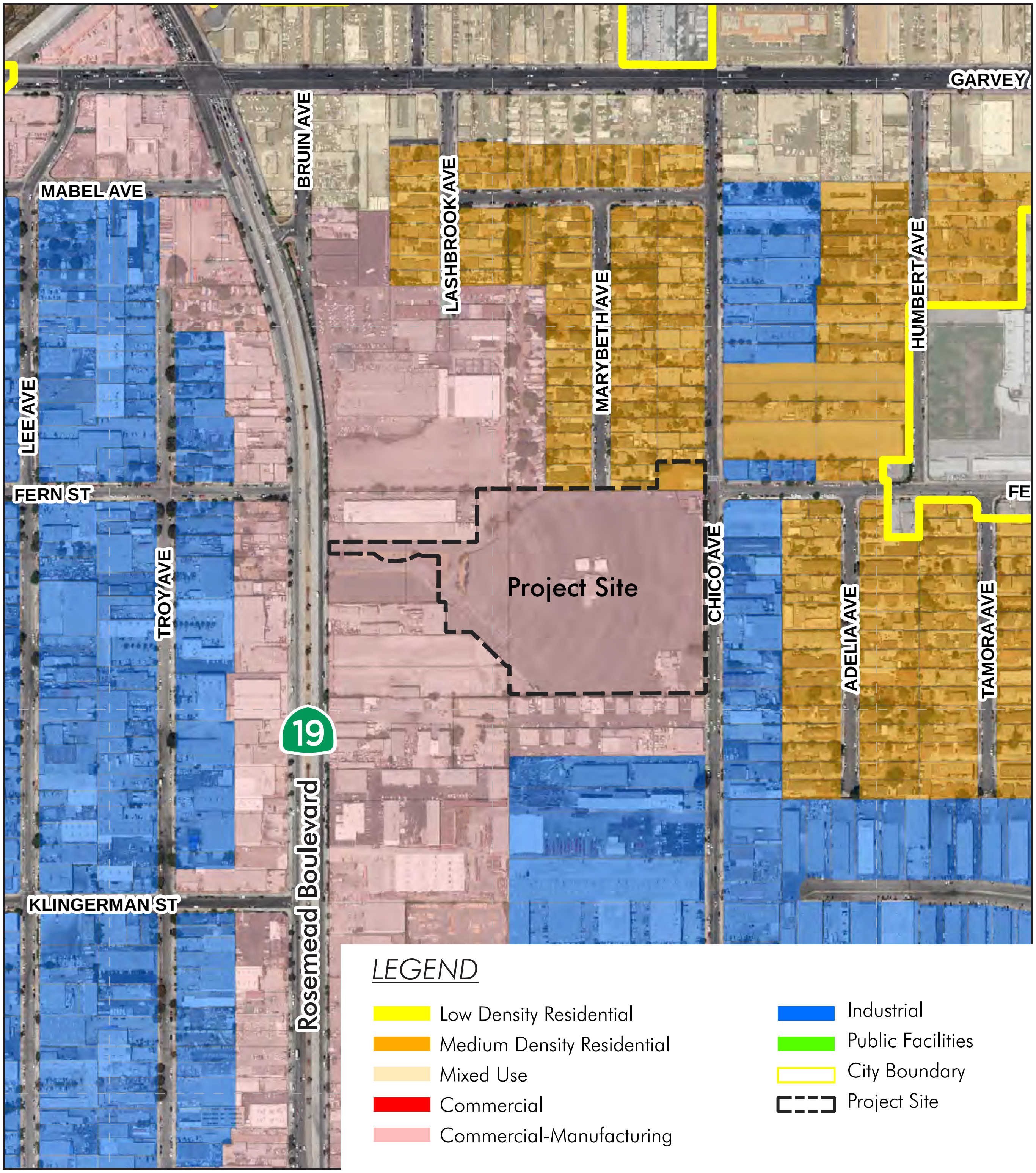
- The retail center to the north of the Specific Plan area.
- The adjacent one- and two-story single family homes located to the north of the Specific Plan area.
- The adjacent manufacturers located to the south and east of the Specific Plan area.
- Proximity to Rosemead Boulevard.

2.3 Existing Site Conditions

The Specific Plan area was most recently utilized for swap meet on weekends. After the permanently closure of the swap meet in 2020, the asphalt covered site is mostly vacant with a residence at the northeast corner of the site and a vacant building at the southwest corner of the site.

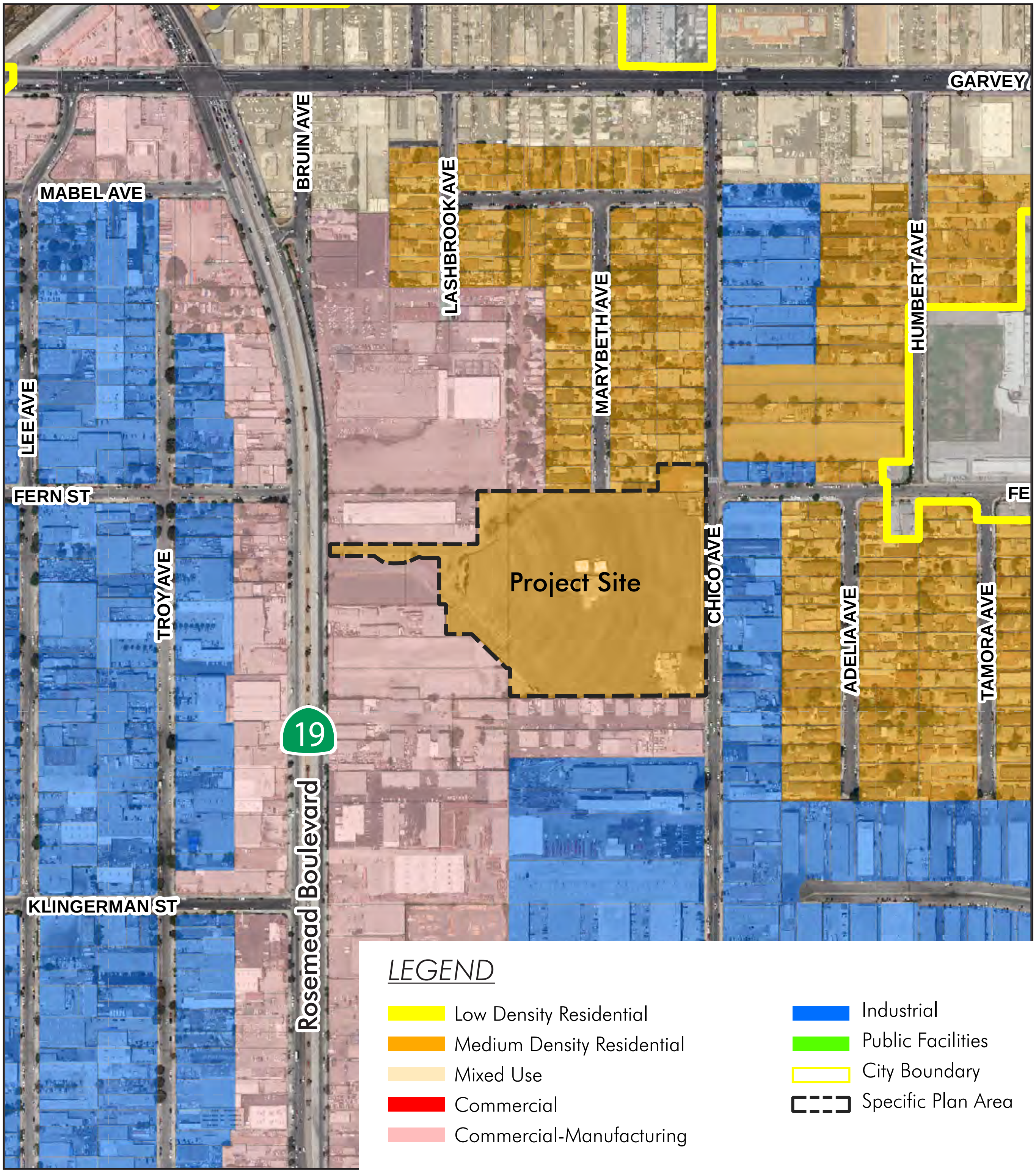
2.3.1 Site Topography

The Specific Plan area is relatively flat, with an elevation range from 240 above mean sea level (AMSL) to 245 AMSL.



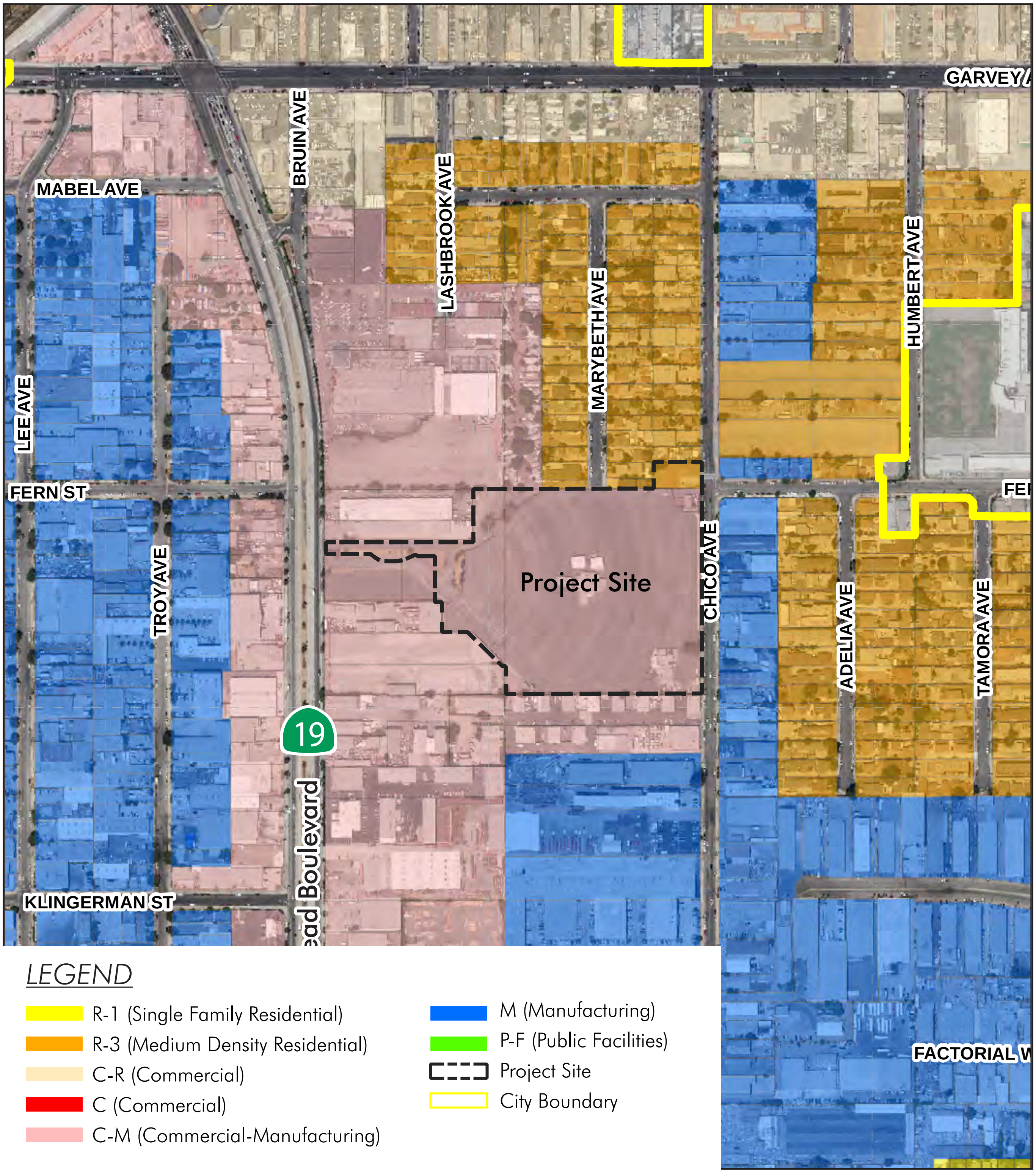
Source: City of South El Monte

Exhibit 2.1, Existing General Plan Land Use Designation



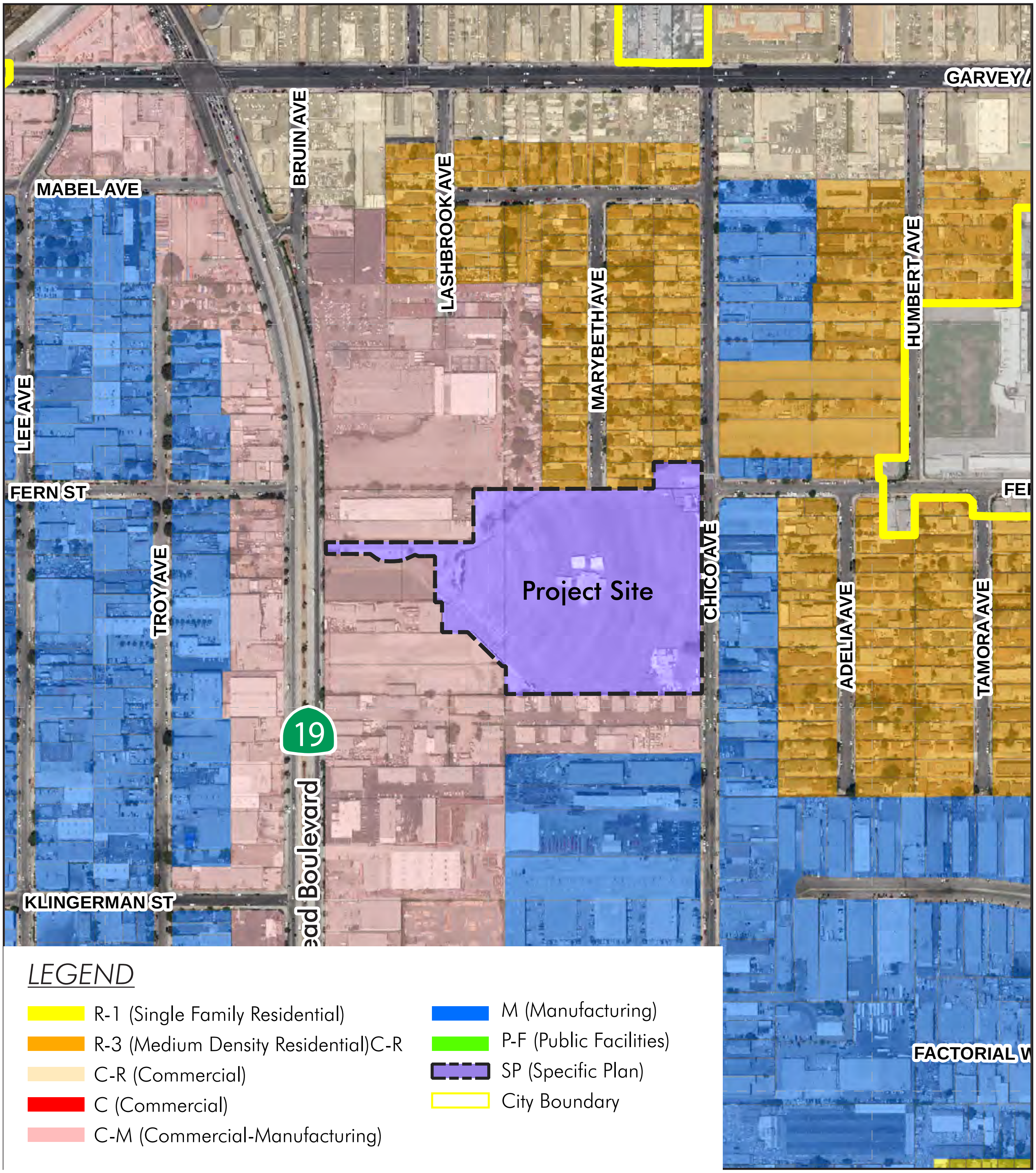
Source: City of South El Monte

Exhibit 2.2, Proposed General Plan Land Use Designation



Source: City of South El Monte

Exhibit 2.3, Existing Zoning Map



Source: City of South El Monte

Exhibit 2.4, Proposed Zoning Map

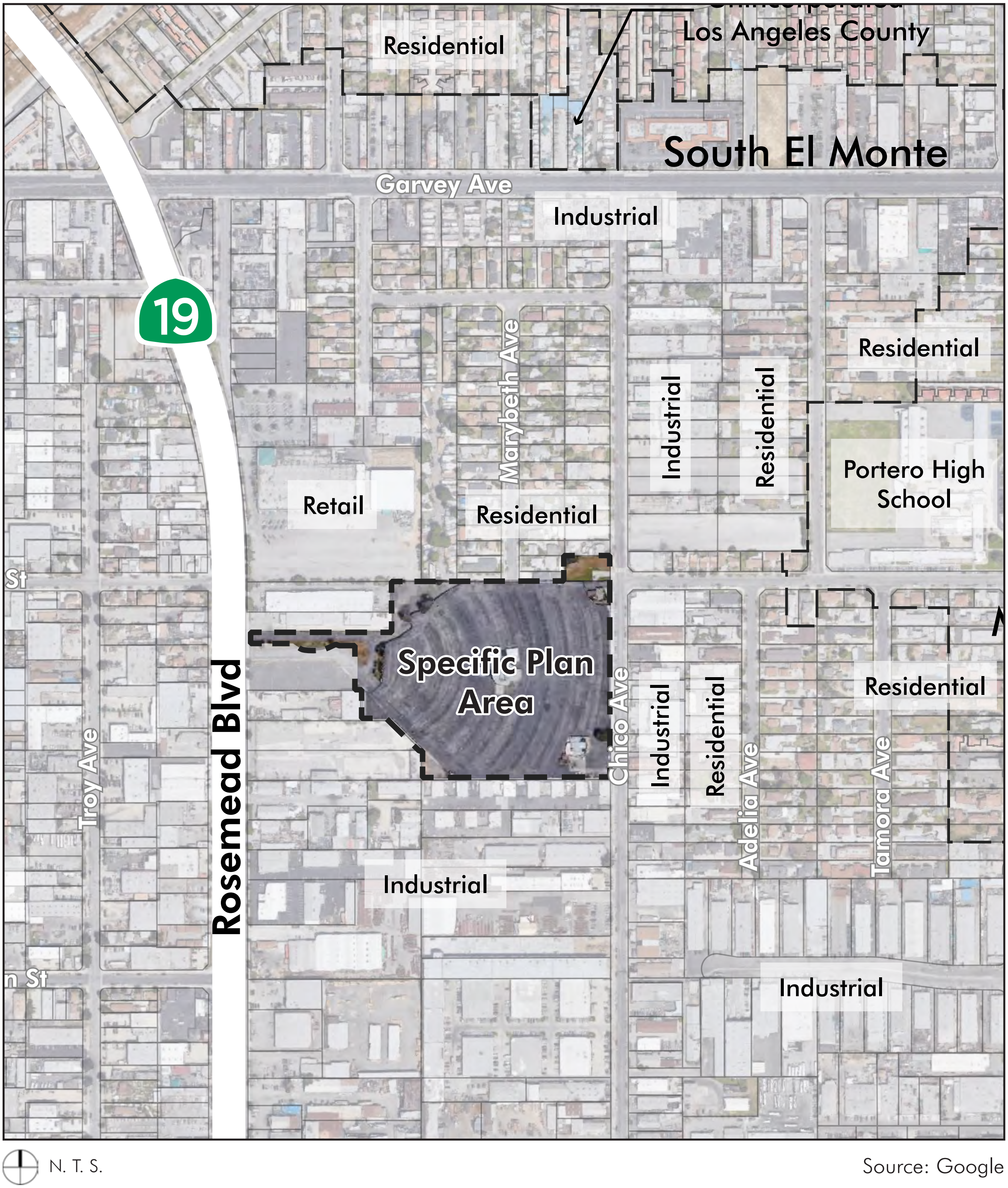
2.3.2 Vehicular Access and Mobility

Regional access to the site is provided by I-10 from the north and SR-60 from the south. Local access to the Specific Plan area is provided from Rosemead Boulevard, which is identified as an arterial highway by the General Plan. Rosemead Boulevard is comprised of four travel lanes and a median. An existing driveway connect the project site to Rosemead Boulevard.

The nearest bus stop is located at the intersection of Rosemead Boulevard, and Fern Street. This bus stop is serviced by Metro Routes 176 and 266. Route 176 provides service between the cities of South Pasadena and Montebello. Route 266 provides service between the cities of Pasadena and Lakewood (See *Exhibit 2.6, Existing Mobility Access)*.

2.3.3 Easements

Five existing pipeline easements will remain. Two gas lines is generally along the northerly property line, a 10-foot storm drain runs diagonally through the northwest corner and along the north side of the driveway, which provides the direct access to Rosemead Boulevard, two other easements are located at the northeast corner of the project site.



Source: Google

Exhibit 2.5, Surrounding Uses



Source: Foothill Transit, Metro

Exhibit 2.6, Existing Mobility Access

3

PLAN ELEMENTS

3.1 Purpose and Intent

This Chapter contains a discussion of the various plan elements for the Starlite Specific Plan, including the following:

- Land Use Plan and Circulation Plan
- Infrastructure Plan
- Dry Utilities and Public Services
- Grading Plan

Each plan works in tandem with the other plans to establish a framework for the Specific Plan area, ensuring that the Project will develop as a quality and cohesive community within of the overall urban fabric of Starlite.

3.2 Land Use Plan

The Starlite Specific Plan is an infill development that converts the mostly vacant site of the former Starlite drive-in/swap into a high-quality residential community to meet the City's housing needs.

The medium density residential (MDR) designation is applied to the entire Starlite Specific Plan area, as shown in *Exhibit 3.1, Land Use and Circulation Plan*. The MDR designation allows for development of single-family detached homes, duplexes, townhomes, condominiums, and apartments. Other compatible uses serving the needs of the residents, such as parks, recreation facilities, and open space, are also allowed.

The General Plan identifies a density up to 16 du/ac for the MDR land use designation. At the maximum density of 16 du/ac, the maximum unit yield for the Starlite Specific Plan area is 197 dwelling units. The Specific Plan includes affordable housing units for low-income families. By providing 10% of the 197 units as affordable housing units, which equates to 20 dwelling units, for low-income households, the Starlite Specific Plan is allowed a 5% density bonus per Section 65915 of the California Government Code and South El Monte Municipal Code (SEMMC) Chapter 17.83 Density Bonus Procedures.

The density bonus brings the total maximum allowable number of dwelling units to 207 dwelling units on the approximately 12.3 acre project site, resulting in a gross project density of 16.8 dwelling units per acre. *Table 3.1, Land Use Summary*, provides a summary of the land use acreage, maximum number of dwelling units, and maximum density.

Table 3-1 Land Use Summary

LAND USE	GROSS AREA (AC)	MAXIMUM DWELLING UNITS (DU)	MAXIMUM DENSITY (DU/AC)
MEDIUM DENSITY RESIDENTIAL (MDR)	12.3	207	16.8

Below is the general development parameter for the Specific Plan area:

A. Development within the Specific Plan area shall not exceed 207 dwelling units, with a maximum density of 16.8 dwelling units per gross acre.

B. The Specific Plan area shall include a mix of detached and attached dwelling units.

C. The Specific Plan area shall be gated.

D. Adequate park/recreation areas and open space shall be provided to meet the needs of the residents, pursuant to Chapter 4, Design Guidelines and Chapter 5, Development Regulations of this Specific Plan.

E. Development shall comply with the design criteria and development standards set forth in Chapter 4, Design Guidelines and Chapter 5, Development Regulations of this Specific Plan.

3.3 Circulation Plan

Regional access to the site is provided by Interstate 10 (I-10) from the north and SR 60 from the south. Local access to the project is provided by Rosemead Boulevard (SR 19), which parallels the western boundary of the Specific Plan area, and Chico Avenue to the east of the project site.

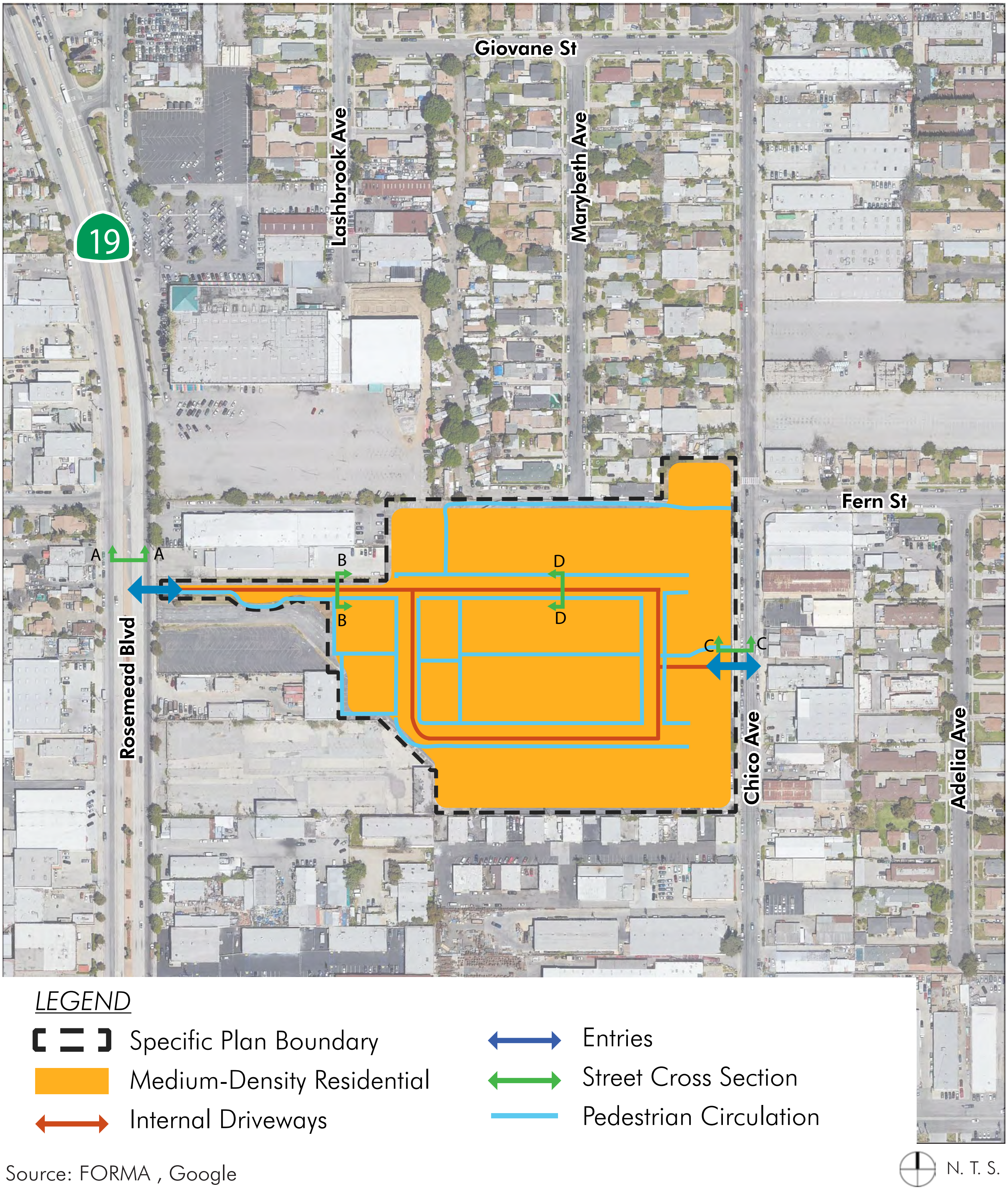
3.3.1 Vehicular Circulation

Rosemead Boulevard (SR/19) runs in a north-south direction. The Circulation Element of the General Plan designates Rosemead Boulevard as an Arterial Highway, a four-lane divided roadway. The typical existing Rosemead Boulevard section is shown in *Exhibit 3.2, Typical Street Cross Sections*. A proposed driveway providing direct access to Rosemead Boulevard is shown in *Exhibit 3.2, Typical Street Cross Sections*. A new traffic signal will be installed on Rosemead Boulevard at the entrance to the project site.

Chico Avenue runs in a north-south direction. The Circulation Element of the General Plan designates Chico Avenue as a Residential and Industrial Collector, a two-lane undivided roadway with on-street parking. The typical Chico Avenue section is shown in *Exhibit 3.2, Typical Street Cross Sections*. As depicted on *Exhibit 3.1, Land Use Plan and Circulation Plan,* two gated project entries drives will be provided from Rosemead Boulevard and Chico Avenue. The entry drives will continue into the development and become a loop road configuration. The typical design of internal driveways within the project is depicted in *Exhibit 3.2, Typical Street Cross Sections*.

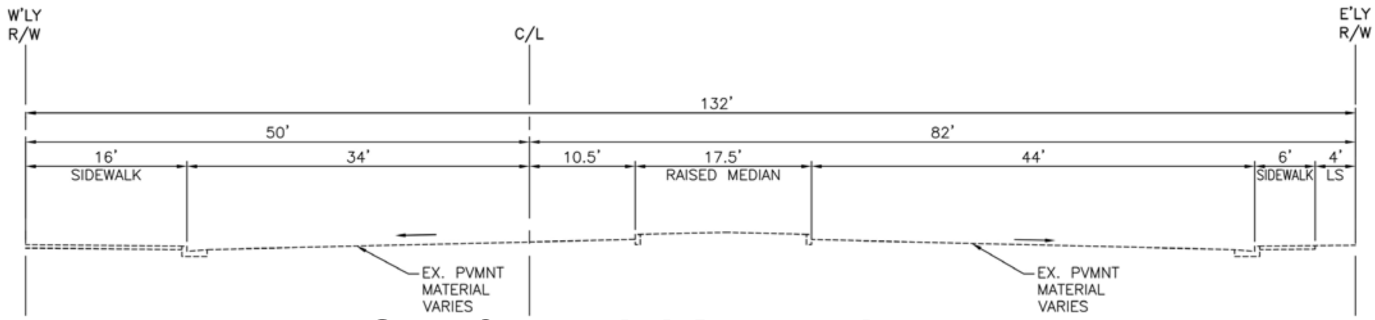
3.3.2 Pedestrian Circulation

Pedestrian circulation is provided throughout the development by a network of walkways along the internal drives and open space areas, which will connect to the existing City sidewalks along Rosemead Boulevard and Chico Avenue, as shown in *Exhibit 3.1, Land Use Plan and Circulation Plan*.

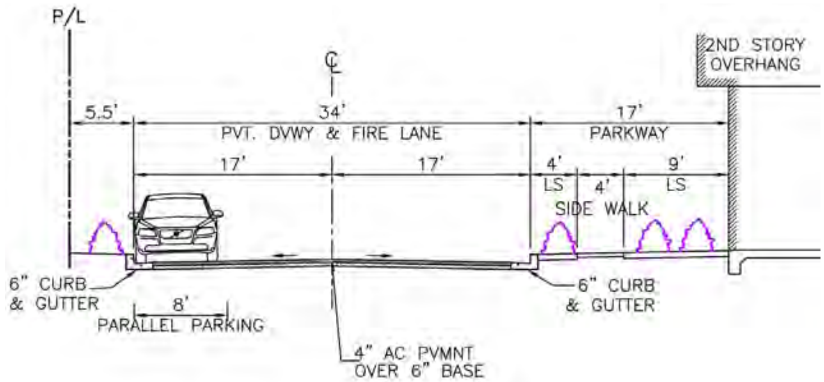


Source: FORMA , Google

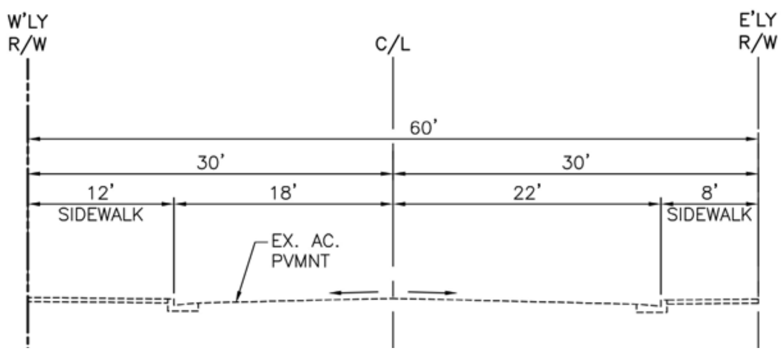
Exhibit 3.1, Land Use and Circulation Plan



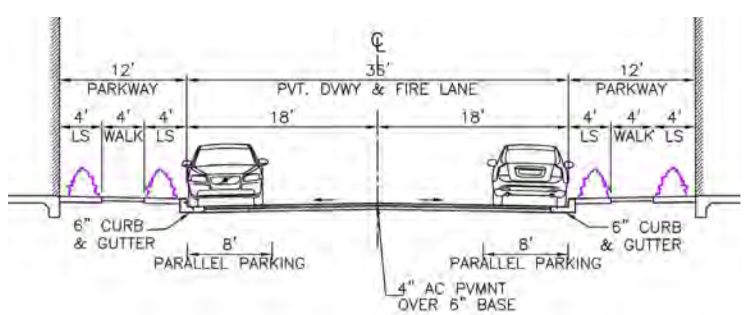
Cross Section A-A Rosemead Boulevard



Cross Section B-B Driveway Between Rosemead Boulevard and Internal Street



Cross Section C-C Chico Avenue at Project Frontage



Cross Section D-D Internal Driveways

Source: FORMA

N. T. S.

Exhibit 3.2, Typical Street Cross Sections

3.4 Infrastructure Plan

Design and construction of infrastructure facilities, including but not limited to, water, sewer, and storm drains, shall comply with the requirements of the City of South El Monte and/or relevant service agencies.

3.4.1 Water System

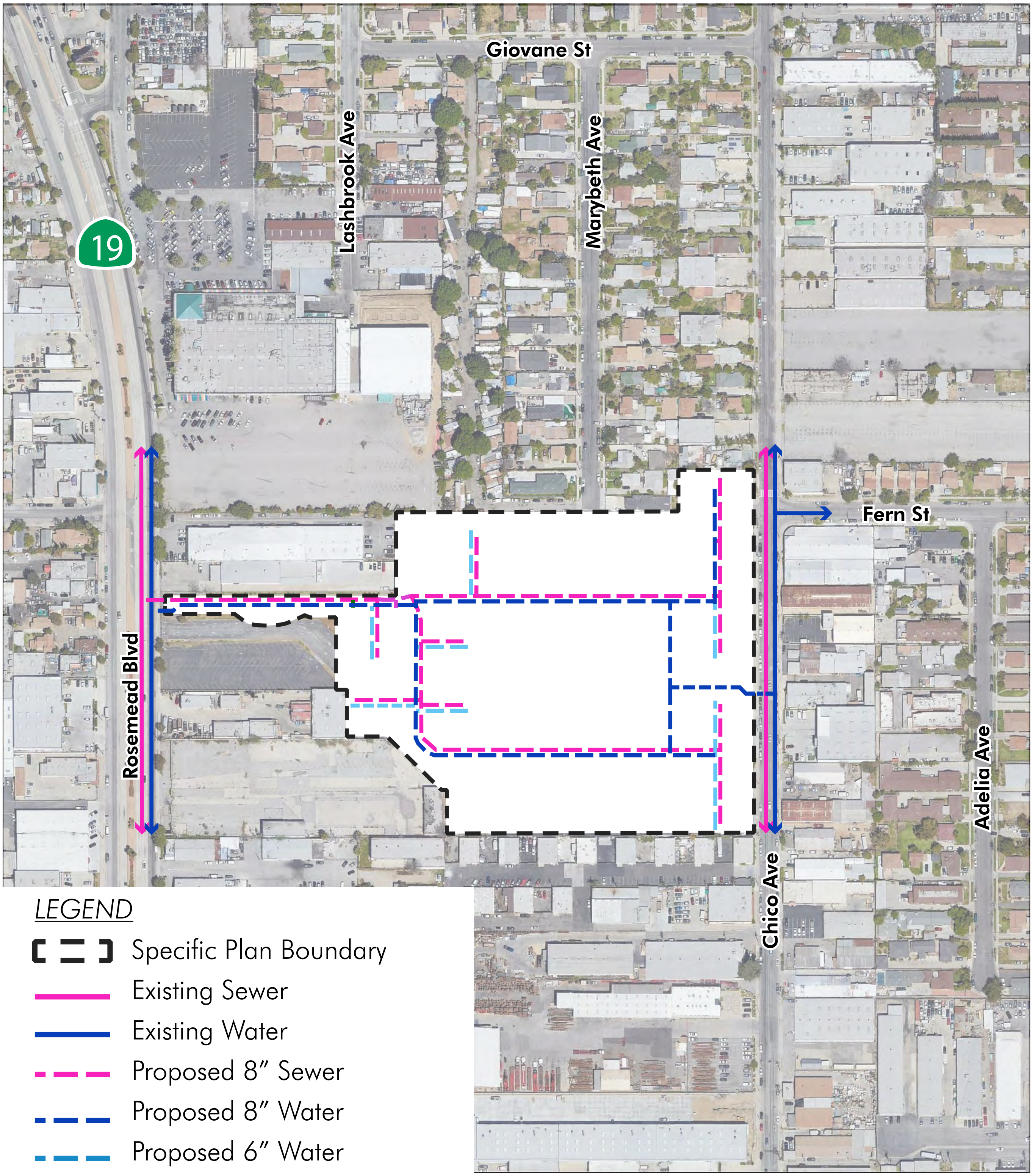
The Specific Plan area is within San Gabriel Valley Water Agency service area. There is an existing 12-inch water main in Rosemead Boulevard and a 10-inch water main in Chico Avenue. Private looping water main is proposed within the private drive aisles connecting to both Rosemead Boulevard and Chico Avenue water lines. Existing and proposed potable water system improvements are depicted in *Exhibit 3.3, Water and Sewer Plan*.

3.4.2 Sewer System

The 8-inch public sewer main are proposed within the private drive aisles. The onsite sewer main system will extend to Rosemead Boulevard and connect to an existing 8-inch public sewer main owned by the City of South El Monte. Proposed sewer infrastructure improvements are depicted on *Exhibit 3.3, Water and Sewer Plan*.

3.4.3 Drainage Plan

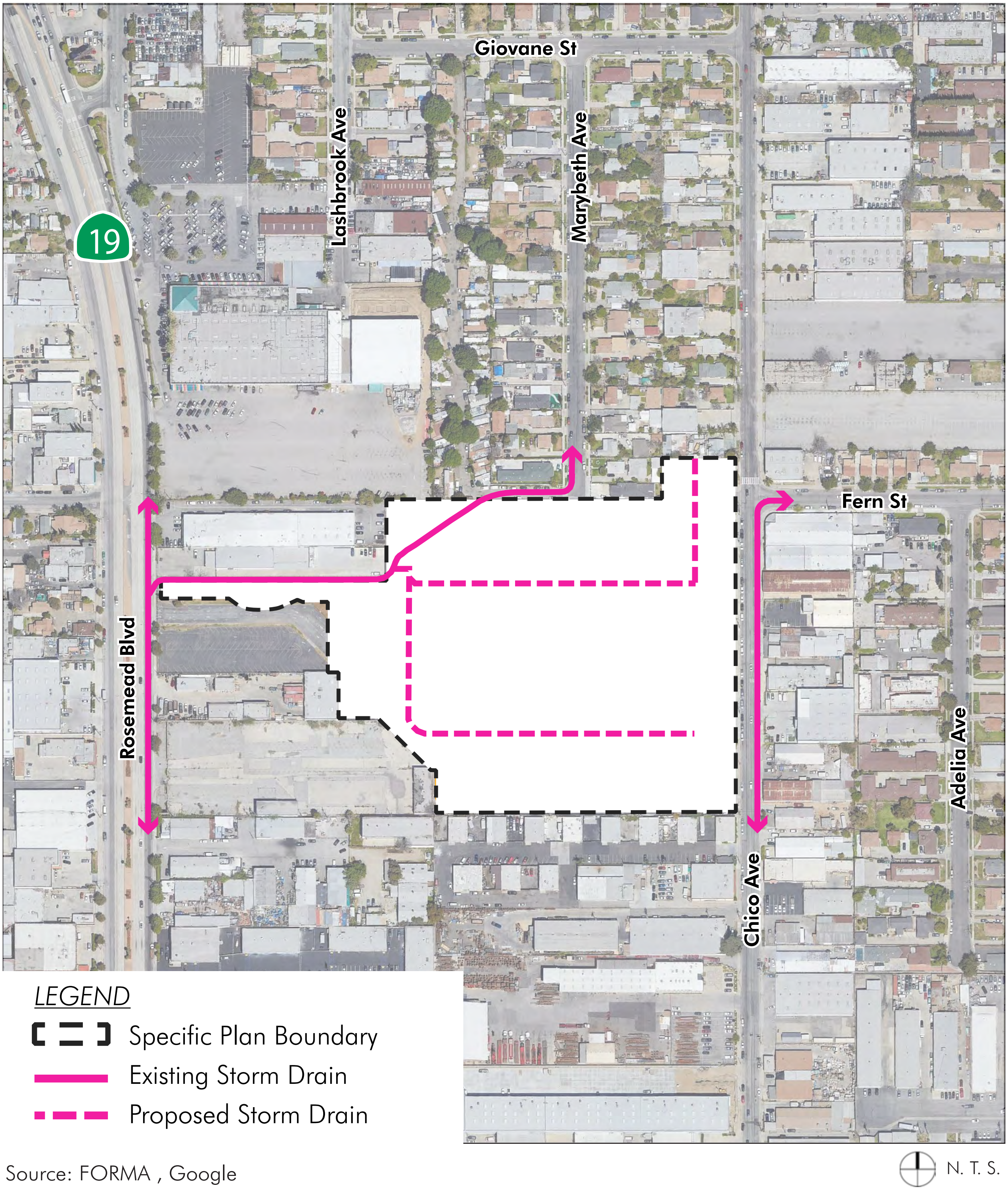
The sewer facilities and infrastructure are managed by the City's Public Works Department, owned, maintained and operated by the Los Angeles County Sanitation Districts (LACSD). Onsite runoff will be collected and detained in a central underground detention facility in compliance with the Los Angeles County Low Impact Development Manual, 2014. Storm water in excess of the required treatment volume will be conveyed directly to Los Angeles County storm drain system. Proposed storm drainage improvements are depicted on *Exhibit 3.4, Storm Drainage Plan*.



Source: FORMA , Google

N. T. S.

Exhibit 3.3, Water and Sewer Plan



Source: FORMA , Google

Exhibit 3.4, Storm Drain Plan

3.5 Dry Utilities and Public Services

3.5.1 Dry Utilities

Natural Gas

Natural gas service for the Specific Plan area is provided by Southern California Gas Company (SCG).

Electricity

Electricity service for the Specific Plan area is provided by Southern California Edison (SCE) through existing lines in the surrounding streets.

Cable, Telephone, and Internet

Cable, telephone, and internet services within the City of South El Monte are provided by AT&T and Charter Cable Company.

3.5.2 Public Services

Fire and Emergency Response Services

Fire and emergency response services are provided by Los Angeles County Fire Department (LACFD) Station 90, located approximately 1.6 miles southeast of the Specific Plan area at 10115 Rush Street, South El Monte.

Law Enforcement Services

Law enforcement services for the Specific Plan area is provided by the Los Angeles County Sheriff's Department (LASD). The nearest station is located approximately 3.5 miles northwest of the Specific Plan area, at 8838 Las Tunas Drive, Temple City.

Solid Waste Disposal

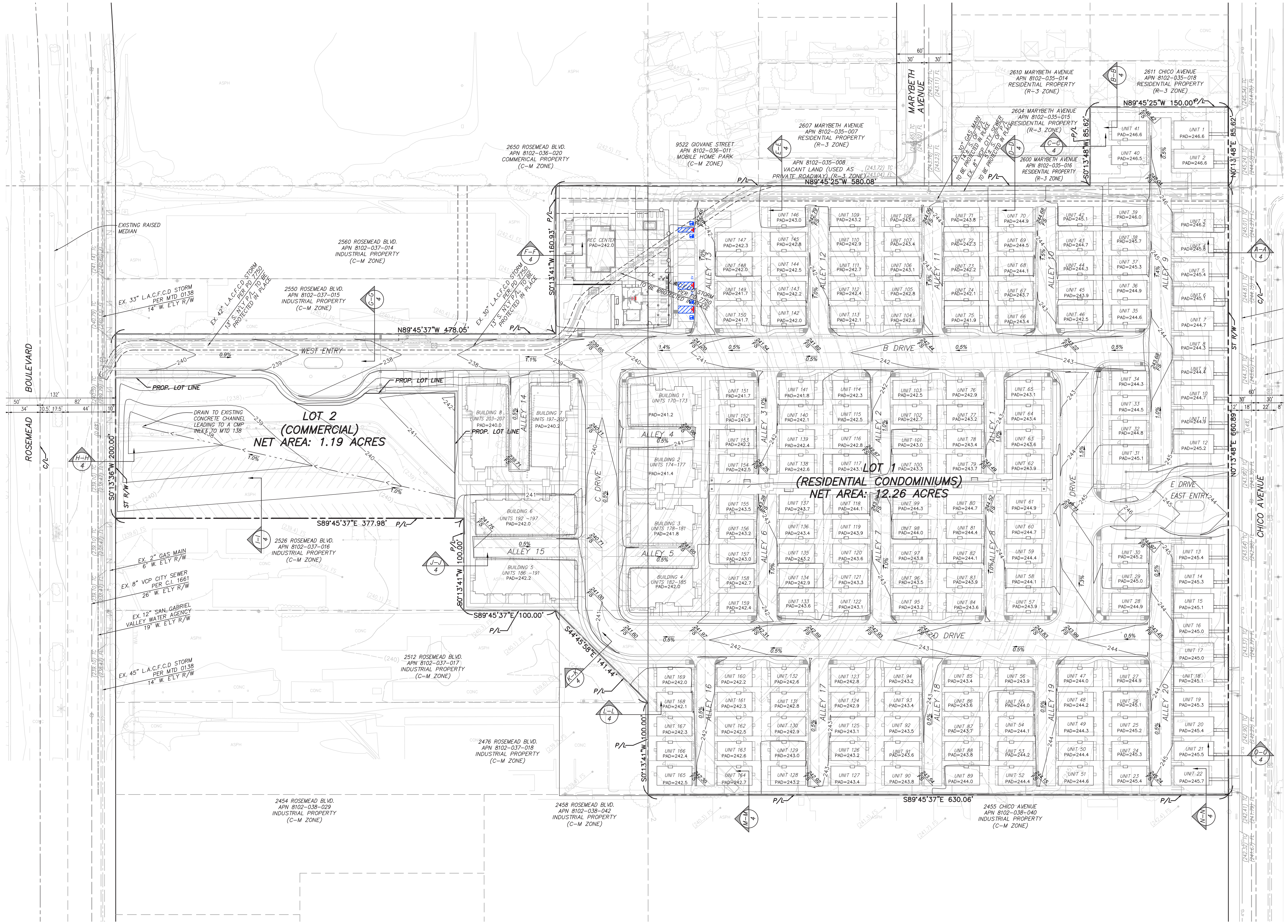
Solid waste disposal, yard waste, and recycling material collection service for the Specific Plan area is provided by Athens Services.

Schools

The site is located in the El Monte City School District. As part of the City's permitting process, a school fee will be paid to the El Monte City School District prior to City's issuance of building permits.

3.6 Grading Plan

Grading for the site is intended to respond to the site topography. The existing buildings will be demolished. The proposed grading concept, as depicted in *Exhibit 3.5, Conceptual Grading Plan*, is designed to balance cut and fill within the project area to the extent feasible. Final engineering may result in modifications to the overall grading concept, but the modifications should conform to the general intent of the Conceptual Grading Plan.



Source: FORMA

N. T. S.

Exhibit 3.5, Conceptual Grading Plan

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4

DESIGN GUIDELINES

4.1 Introduction

This chapter contains architectural, landscaping, and sustainability design guidelines for the Starlite Specific Plan. These guidelines ensure that the Specific Plan area will develop as a cohesive and high-quality residential community, while still allowing some flexibility for designers to incorporate their creative expertise into the built environment. The Design Guidelines are intended to be flexible in nature while establishing basic evaluation criteria for the development review process. The strongest level of design intent is specified by using terms such as "must," "shall" and "prohibited." Anything with a "must" or "shall" is required. Preferred design items are noted as "encouraged," "preferred," "recommended," "appropriate," or as one that "should" be included. Preferred design items are considered "voluntary" and need not be included in a proposed development. If the approving body finds that the plans are consistent with the overall intent and goals of these Design Guidelines, the plans do not need to meet each preferred design guideline within this section. Images within this Chapter are conceptual and are intended to illustrate the proposed design aesthetic, and are not intended to depict the final design.

4.2 Architectural Design Guidelines

The Starlite Specific Plan is designed to provide a pedestrian friendly residential community with an appropriate mix of housing types. The architectural design guidelines in this section have been prepared to provide the framework for high quality design. These architectural design guidelines express the desired character of future development, ensure a consistent level of quality, and accommodate emerging architectural and product trends.

The Starlite Specific Plan area will feature a mix of Spanish, Craftsman and Farmhouse architectural styles to promote interest and establish a distinct sense of place. Distinguishing characteristics of these styles are described below.

Spanish

The Spanish style was popular during the 1920s and early 1930s. This style evolved in California and the southwest as an adaptation of Mission Revival infused with additional elements and details from Latin America. It is common in California, Arizona, Texas and Florida. The key elements of this style were adapted to the California lifestyle, including stucco walls, courtyards, and flat or low-pitched roofs. Plans were informally organized around a courtyard with the front elevation simply articulated and detailed.

Identifying Characteristics

- Red "S" tile gable or hip roofs; shed roofs over porches
- Stucco exterior walls
- Recessed entry, arch or curved element, or feature window on front elevation
- Decorative metal railing
- Gable roof end details



Craftsman

The Craftsman style was strongly influenced by the English Arts and Crafts movement of the late 19th century. Originated in California, this American style quickly spread across the country during the 1920s and 1930s. The Craftsman style sought the elimination of superfluous ornamentation, creating beauty instead through the simplified lines and masses of the building itself. This unique style promoted hand crafted quality to create natural, warm and livable homes.

Identifying Characteristics

- Low-pitched gable roofs, occasionally hipped
- Wide projecting eaves with exposed rafter tails, and decorative beam or braces added under the gable
- Covered front porches, either full or partial-width, with roof supported by square columns
- Stone used on post or building bases
- Exterior finishes that blend with the natural surroundings, such as wood, stucco and stones
- Vertically proportioned, upper mullioned double hung windows at front elevations.



Farmhouse

The Farmhouse style is defined by simple practicality. Homes were designed to provide basic comfort and utility, be attractive, and offer flexibility to grow over time. The Farmhouse style is traced back to Colonial styles from New England and later the Midwest. Well into the early 20th century, most homes were designed and built by local craftsmen, resulting in substantial regional deviations across the country.

Identifying Characteristics

- High pitch gabled roofs; shed roof accents
- Wood siding in combination with stucco
- Covered porches with simple wood columns and railings
- Vertically proportioned windows, often grouped in two or three
- Trim details around windows and doors



Due to constantly evolving market conditions and homeowner preferences, other architectural styles may be permitted within the Specific Plan area after reviewing by the community development director or their designee.

Building Orientation and Massing

The elevations of the residential community are an important element in creating a sense of place and defining a human-scaled streetscape. Building frontages should be designed to create visual interest and promote pedestrian activity.

- Attached buildings should be located and oriented to the streets and primary open space areas.

- Careful consideration should be given to street orientation and building placement to help protect privacy, views and the visual quality of the neighborhood, and maximize solar access of the buildings where feasible and reasonable.

- Buildings located along the eastern Specific Plan area boundary shall have front entries facing Chico Avenue.

- Design the front elevation of attached residential buildings to clearly delineate individual units as a way of breaking up mass.

- Buildings should incorporate layered wall planes and offset forms that may include cantilevered masses, recessed masses or entries, or volume spaces, to create interest, reduce the apparent bulk and establish pedestrian scale.

- Offset forms in the massing should be consistent with the architectural style of the building and incorporated as a functional element or detail enhancement.

- Buildings should be arranged and oriented to create a variety of outdoor spaces such as courtyards, paseo and/or usable open spaces that encourage social and recreational activity.

Roof Forms

Roofs should be designed for functionality and should enhance or complement the overall architectural design of the building.

- Select roof forms, pitches and materials that are consistent with the architectural style of the building. Consider roof forms in relationship to the building mass to improve massing relief along public streets and on other publicly visible elevations.

- Varied roof forms, offsets and materials consistent with the building’s architectural style are encouraged to create variation in the skyline and diversity in the streetscene.

- Keep roof forms simple and efficient based on the architectural style and plan shape. Avoid overly complicated roof design that detracts from the characteristics of the architectural style.

Architectural Enhancements

To activate the community streetscape and maintain a dynamic and aesthetic edge along open space corridors, the elevations of buildings that are visible from the streets, pathways and park should be enhanced with appropriate architectural treatments. The enhanced articulation may be achieved in the following ways:

- Enhanced window treatments, such as shutters and trim surrounds
- Offset wall planes (horizontally or vertically)
- Roof plane breaks
- Color and/or material blocking
- Other detailing similar to those used on the front elevation such as decorative metal elements, gable roof end vents, stucco grids, etc.

Colors and Materials

The selection and application of building colors and materials are key considerations when creating visually interesting neighborhoods. Below are the guidelines for the Specific Plan area:

- Building and roof materials shall be appropriate to the architectural style of the building. Materials and finishes should be carefully selected for long-term durability and ease of maintenance.
- Appropriate building materials include, but are not limited to, stucco, wood or faux wood sidings, stone and brick veneer, metal for accents and concrete.
- Appropriate roof materials include, but not limited to, concrete "S" tiles, flat shake or slate concrete tiles.
- Highly reflective or shiny materials, florescent colors, neon colors, bright colors as primary body colors (i.e. red, yellow, and blue) are not compatible with the architectural theme and are prohibited.
- Color and material changes should occur on massing elements and terminate on inside corners.
- Body colors should be of earthy or neutral tones such as white, beige and grey, as well as muted blue and green.
- Accent colors should be used to highlight architectural forms, special materials or other distinct architectural features. Accent colors should provide contrast to the body color without conflicting in hue and saturation.

Other colors and materials not listed in this Specific Plan may be used, so long as those combinations are consistent with the architectural theme.

Plan and Elevation Requirements

- A minimum of three floor plans shall be provided for single-family detached homes. A minimum of three different elevation styles shall be provided for each floor plan.
- A minimum of two unit plans shall be provided for each attached building. Individual unit plans may be repeated between building plans. Building plans should be designed with the ability to reverse the plans and/or add elements to corner units.

4.3 Landscape and Open Space Design Guidelines

Landscaping within the Specific Plan area should be compatible with the landscape character of the City of South El Monte and at the same time, provides amenities that support the lifestyle and needs of the Starlite residents. The following guiding principles set forth the general direction for the design of the landscaped spaces within the Specific Plan area:

- All proposed landscaping shall be irrigated with low volume and or point source irrigation and shall meet all requirements of the California Green Building Standards Code (CGBC) and City of South El Monte standards for water efficient landscaping.
- All trees shall be irrigated with separate systems for bubblers.
- Street trees shall be carefully located so as not to obstruct the driver's visibility.
- Street trees should be a 24-inch box minimum in size.
- Low-water use plant materials should be selected to limit irrigation needs and minimize water use. Mediterranean and other local, climate-friendly plants may be used.
- Landscape design should be integrated with building architecture and suitable to the functions of the space. Plant materials should be selected in a manner that complements the architectural styles and building form. Accent planting should be used at entries and key recreation areas.
- Landscaping should be used to screen or separate functional areas from public view, such as trash enclosures, parking areas, storage areas, loading areas, and public utilities. This landscaping should occur upon the project site and not within the right-of-way.
- Decorative paving may be used at key locations including, but not limited to, building entries, courtyards, and vehicular driveways. These areas can be enhanced with tile, brick, pavers, textured and/or colored concrete to provide distinguished direction for pedestrian, cyclist, and vehicular access.
- Pedestrian common spaces are encouraged these should include functional amenities including lounge, dining and fun interactive and relaxation areas. Landscaping should not appear empty or barren.
- Large turfed lawn areas are discouraged.

4.3.1 Conceptual Landscape Plan

The landscaping of the public spaces, including the community entries, street parkways, recreation center, paseo, and open space, is a major component of the overall community design envisioned for Starlite. Complementary to the unifying architectural themes, these landscape places form the heart and soul of the community. The overall landscape design concept is to create a pedestrian-friendly atmosphere that invites residents to walk and enjoy parks and open space and provides connectivity within the community. *Exhibit 4.1, Master Landscape Plan*, provides a detailed rendered view of the overall Specific Plan area and all proposed landscaping and vegetation.

Legend

1. Architecture building
2. Project boundary
3. 4′ wide concrete sidewalk
4. Open play lawn area with shovel cut lawn edge
5. 3′ wide concrete walkway at entry
6. Parking
7. Utility easement area
8. Decorative gateway trellis at paseo walkway
9. Cluster mailbox unit
10. Vehicular entry call box
11. Vehicular gated entry
12. Decorative 6′ bench
13. Pedestrian access gate
14. 42″ high tubular steel fence at private yard along Chico Avenue
15. 6′ high vinyl fence at private yard area
16. 6′ high tubular steel pool fence
17. Community recreation area



N. T. S.

For illustrative purposes only, final design may vary.

Exhibit 4.1, Master Landscape Plan

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The Starlite Specific Plan presents a variety of opportunities for outdoor relaxation, recreation, and activity. These amenity areas may be programmed with an array of features and activity spaces, and shall be distributed throughout the Specific Plan area to ensure that they are easily accessible to all residents within the community.

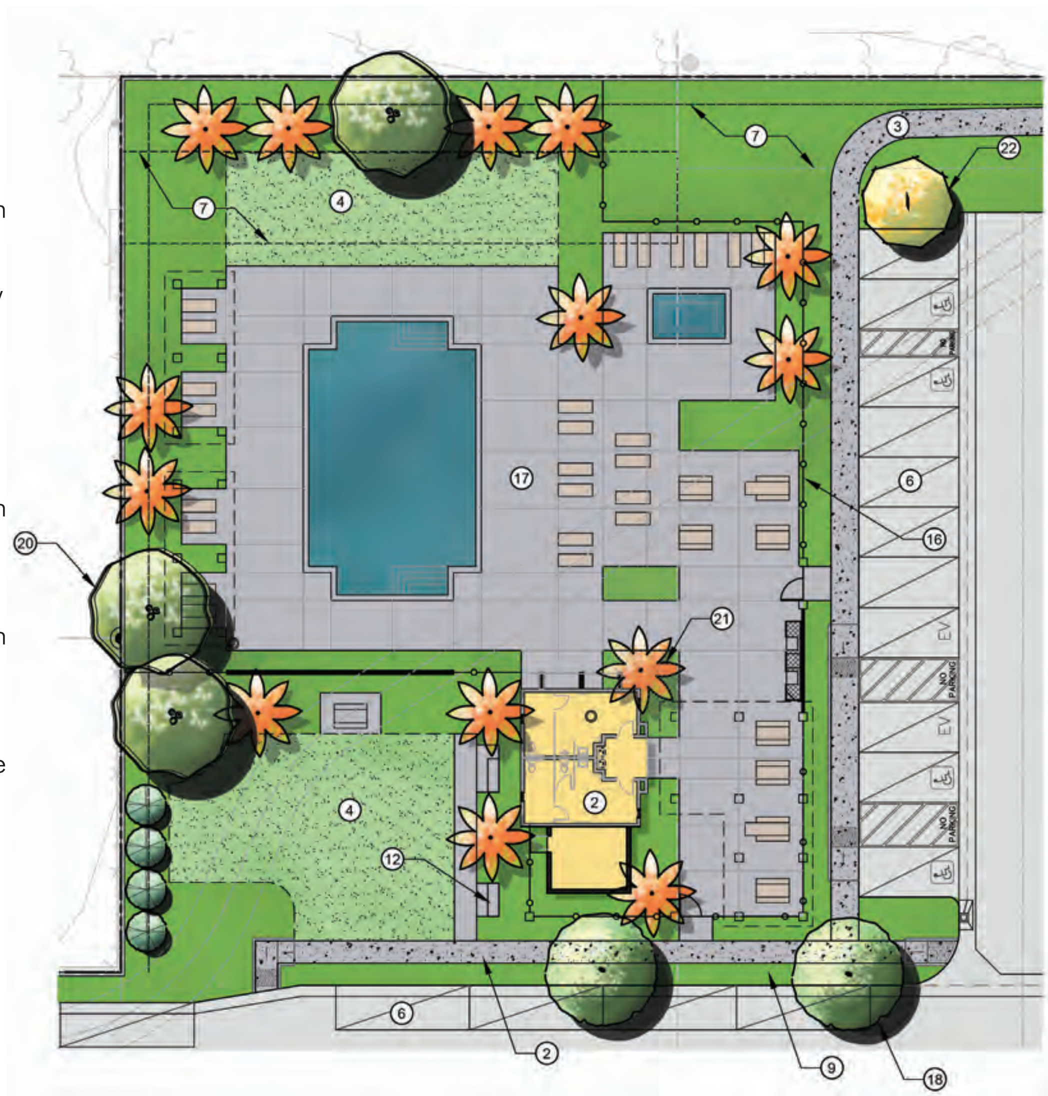
All landscape and irrigation plans shall be prepared by a licensed California Landscape Architect and shall obtain a landscape permit from South El Monte and meet the standards of SEMMC Section 17.25.050, Water Efficient Landscaping Criteria.

4.3.1.1 Conceptual Recreational Center

A conceptual recreational opportunity is proposed for development at the corner of the Specific Plan area. *Exhibit 4.2, Conceptual Recreation Center*, shows the detailed views of the recreation center. Features of the Conceptual Recreational Center include (but are not limited to):

- Pool/recreation building
- Concrete sidewalk
- Open play lawn area with shovel cut lawn edge
- Decorative bench
- Tubular steel pool fence
- Community recreation area
- Community accent tree
- Large accent /specimen tree
- Vertical accent tree
- Common area theme tree

LEGEND
2. Pool/recreation building
3. Concrete sidewalk
4. Open play lawn area with shovel cut lawn edge
5. Concrete walkway at entry
6. Parking
7. Utility easement area
12. Decorative bench
16. Tubular steel pool fence
17. Community recreation area
19. Community accent tree
20. Large accent /specimen tree
21. Vertical accent tree
22. Common area theme tree



For illustrative purposes only, final design may vary.

N. T. S.

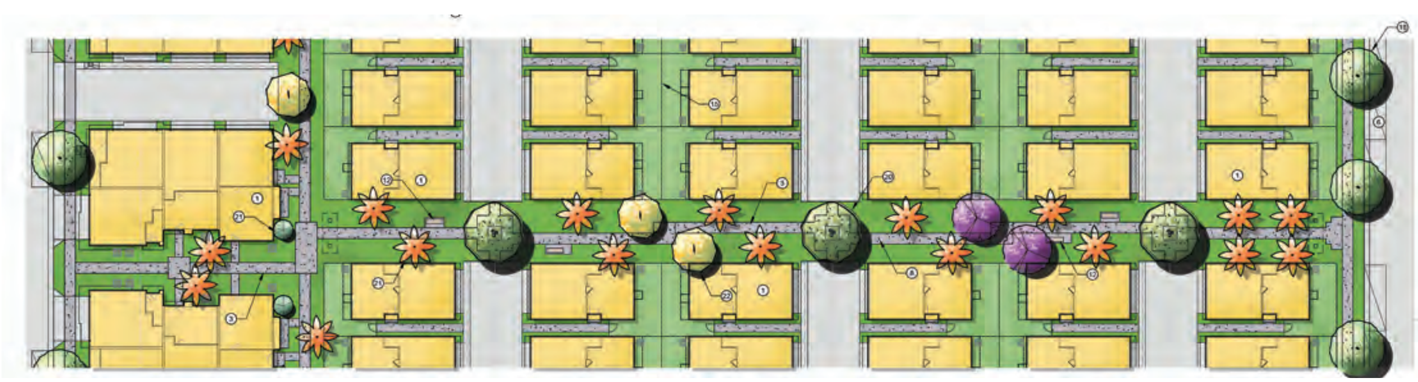
Exhibit 4.2, Conceptual Recreational Center

4.3.1.2 Project Entry

Two gated project entries drives will be provided from Rosemead Boulevard and Chico Avenue. Large specimen trees and vertical accent trees will be planted at the vehicular gated entry connecting to Chico Avenue. A vehicular entry call box is centrally located at the entry driveway. Detailed rendered view of the project entry at Chico Avenue is illustrated in *Exhibit 4.3, Project Entry*.

4.3.1.3 Central Paseo

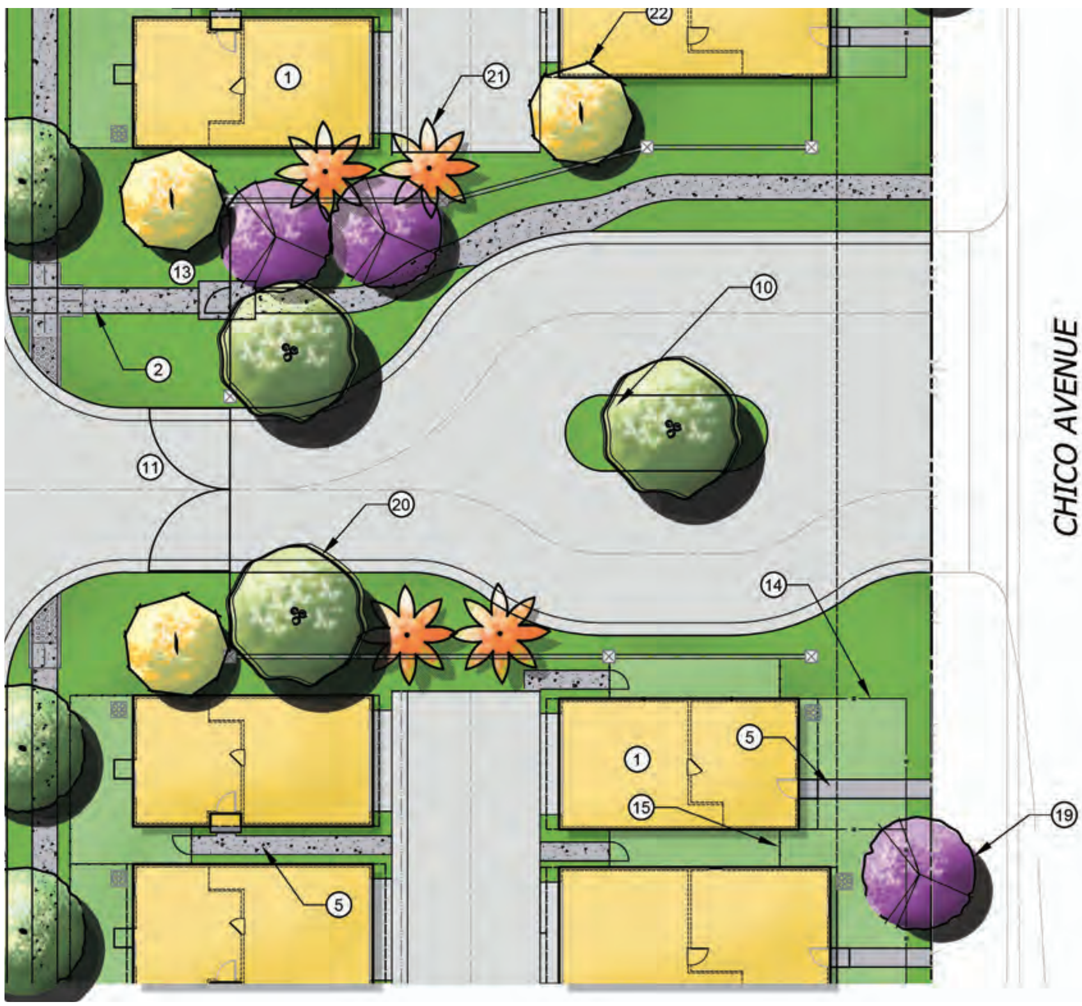
A central paseo is planned as one of the key placemaking elements within the Specific Plan area. The paseo focuses on interior community connections and the pedestrian experience. The entire paseo will be designed to offer Starlite residents a place for strolling, playing, and resting. The central paseo is anticipated to include a walkway with planted nodes, accent trees, enhanced planting, benches, and decorative gateway trellis. Fences will defined private yard areas and a variety of trees will be planted to promote interest.



Representative Example, Central Paseo

LEGEND

1. Residential building
2. Concrete sidewalk
4. Open play lawn area
5. Concrete walkway at entry
10. Vehicular entry call box
11. Vehicular gated entry
14. Tubular steel fence at private yard along Chico Avenue
18. Parkway tree
19. Community accent tree
20. Large accent /specimen tree
21. Vertical accent tree
22. Common area theme tree



For illustrative purposes only, final design may vary.

N. T. S.

Exhibit 4.3, Project Entry

4.3.2 Fencing and Walls

Walls and fences are an important feature of the community. Walls and fences help establish and reinforce the landscape theme, provide for views in and out of a site, attenuate sound, provide security, delineate boundaries, and offer visual and physical privacy. Where such elements face the streets and common open space areas, they should be consistent in style, material, and height, serving as a unifying element throughout the community and maintaining a common theme.

- Perimeter project walls will be constructed of either masonry or tubular steel. Landscaping should be used in front of the masonry wall to soften the mass of the wall.
- Rear and side yard walls and fences may be constructed of wood or vinyl fencing, and shall be a maximum of six (6) feet in height. Walls/fencing in the front yard is typically limited to 42 inches.
- Use of wood or vinyl fencing for patio walls is encouraged. Tubular steel fencing or tubular steel fencing in combination with masonry walls may also be used.
- Tubular steel fencing should be used around the pool area.
- Pedestrian and vehicular gates within the Specific Plan area should be controlled via key fob access points as well as Knox box access.
- Walls, fences and gates shall be designed to be compatible with the architectural themes of the Specific Plan area. Landscaping should be used in combination with walls. Walls and fencing shall be made of attractive, durable, and weather-resistance materials.
- Long expanses of fence or wall surfaces should be articulated with intervening pillars, alternating heights, offsets, or other techniques to avoid visual monotony.

4.3.3 Plant Palette

The plant palette include water-wise plant materials and establishes the intended landscape character for the Specific Plan area. Additional plant materials that are complementary to the following palette may be permitted, provided they are reviewed and approved as part of the City's site plan review process. Recommended trees, shrubs, groundcovers, and vines are listed in *Table 4.1, Landscape Plant Palette*.

Table 4-1
Landscape Plant Palette

Botanical Name	Common Name
Parkway Tree	
GEMERA PARVIFLORA	AUSTRAMAN WILLOW
KOELREUTERIA BIPINNATA	CHINESE FLAME TREE
PISTACIA CHINENSIS	CHINESE PISTACHE
QUERCUS AGRIFOLIA	COAST LIVE OAK
TRISTANIA CONFERTA	BRISBANE BOX
Community Accent Tree	
CALLISTEMON VIMINALIS	WEEPING BOTTLEBRUSH
CHILOPSIS LINEARIS	DESERT WILLOW
ERIOBOTRYA DEFLEXA	BRONZE LOQUAT
PLATANUS ACERIFOLIA	LONDON PLANE
RHUS LANCEA / AFRICAN	AFRICAN SUMAC
TRISTANIA CONFERTA	BRISBANE BOX
Large Accent Specimen Tree	
CHILOPSIS LINEARIS	DESSERT WILLOW
OLEA E. 'WILSONII'	FRUITLESS OMVE VAR
RHUS LANCEA	AFRICAN SUMAC
QUERCUS AGRIFOLIA	COAST LIVE OAK
JUGLANS CALIFORNICA*	CALIFORNIA BLACK WALNUT*
Vertical Accent Tree	
CUPRESSUS SEMPERVIRENS	ITALIAN CYPRESS
PHOENIX DACTYLIFERA	DATE PALM
PODOCARPUS NIACROPHYLLUS 'MAKI'	SHRUBBY YEW PODOCARPUS
PRUNUS C. 'BRIGHT N TIGHT'	CAROLINA LAUREL CHERRY
SYCAGRUS ROMANOFFZIANUM	QUEEN PALM
TRACHYCARPUS FORTUNEI	WINDMILL PALM
Common Area Theme Tree	
CASSIA LEPTOPHYLLA	GOLD MEDALLION TREE
CHIONANTHUS RETUSUS	CHINESE FRINGE TREE
KOELRUTERIA SPP	FLAME TREE
HETEROMELES ARBUTIFOLIA	TOYON
RHUS LANCEA	AFRICAN SUMAC

Background Shrubs	
ARBUTUS UNEDO	COMPACT STRAWBERRY TREE
BUXUS SPECIES	BOXWOOD
DODONEA MICROZYGA	BRILLIANT HOP-BUSH
GREVILLEA SPECIES	GREVILLIA
LEPTOSPERMUM SPECIES	NEW ZEALAND TEA TREE
LIGUSTRUM J. ‘TEXANUM’	TEXAS PRIVET
PITTOSPORUM SPECIES	PITTOSPORUM
RHAPHIOLEPIS SPECIES	INDIAN HAWTHORNE
Midground Shrubs	
CALLISTEMON C. ‘LITTLE JOHN’	DWARF BOTTLEBRUSH VAR
DIANELLA SPP.	FLAX LILY VAR.
DIETES IRIOIDES	FORTNIGHT LILY
JUNIPERUS CHINENSIS	JUNIPER VAR.
MUHLENBERGIA RIGENS	DEER GRASS
MYRSINE AFRICANA	AFRICAN BOXWOOD
MYRTUS C. ‘COMPACTA’	DWARF MYRTLE
NANDINA DOMESTICA	HEAVENLY BAMBOO
PITTOSPORUM SPECIES	PITTOSPORUM
RHAPHIOLEPIS SPECIES	INDIAN HAWTHORNE
SALVIA SPECIES	SAGE VAR.
Accent Shrubs	
AGAPANTHUS SPECIES	LILY OF THE NILE
CAREX TUMULICOLA	BERKELEY SEDGE
HEMEROCALLIS SPP	DAY LILY
ROSMARINUS SPECIES	SAGE VAR.
SALVIA SPECIES	SAGE VAR.
Groundcover	
BACCHARIS PILULARIS	DWARF COYOTE BUSH VAR.
LONICERA JAPONICA	HONEYSUCKLE
MYOPORUM ‘PARVIFOLIUM’	MYOPORUM VAR.
ROSMARINUS 0. ‘PROSTRATUS’	PROSTRATE ROSEMARY VAR.
TRACHELOSPERMUM JASMINOIDES	STAR JASMINE
Vines	
BIGNONIA C.’TANGERINE BEAUTY’	CROSS VINE
DISTICTIS BUCCINATORIA	BLOOD RED TRUMPET VINE
MACFADYENA UNGUIS CATI	CAT’5 CLAW
JASMINUM POLYANTHEMUM	PINK JASMINE

4.4 Sustainability Guidelines

Smart growth is a planning paradigm that advocates thoughtful and sustainable development patterns and avoids urban sprawl to conserve resources, reduce impacts, promote alternatives to single occupancy vehicle use, support livability, offer opportunities for social engagement, and achieve fiscal sustainability. The Starlite Specific Plan embraces the smart growth paradigm. New development in the Specific Plan area will be sustainable designed to conform to the State of California's goals for greenhouse gas reduction, conserving water and energy, and providing sustainable buildings, which in turn will reduce impacts on the environment, enhance the quality of life, and encourage a healthy lifestyle for project residents.

This Specific Plan requires "Green" building practices that meet the California Building Energy Efficiency Standards and CALGreen Building Standards (California Code of Regulations Title 24, Parts 6 and 11) to reduce the impact on the environment, decrease energy costs, and create healthier living through improved indoor air quality and safer building materials. Title 24 sets forth building standard requirements including, but not limited to, planning and site design, energy efficiency, water efficiency and conservation, material conservation and resource efficiency, waste reduction, indoor air quality and pollutant control, thermal comfort, and provisions for bicycle and electric vehicle parking.

All new development within the Specific Plan area is required to meet the rigorous standards of Title 24. The development will be inspected for compliance and will include an operation manual to help end-users maintain and effectively use the sustainable building features provided. Because the concept of sustainability is evolving, it is anticipated that new sustainable strategies may be continually developed during the build-out period of the Specific Plan. Title 24 does not require every efficiency item to be implemented. A certain threshold needs to be met and the developer has the option to choose which items to implement that meet the specified threshold.

4.4.1 Energy Efficiency

The following recommendations are provided to explore opportunities for energy efficiency that could add value to the development within the Specific Plan area:

- Where feasible, utilize passive sustainable design strategies to minimize overall energy consumption needed to heat and cool the building. These strategies include daylighting, natural sources of heating and cooling, operable windows, shading on south facing windows, ceiling fans, well-designed building envelopes with high-U values (insulation rating).

- Encourage coordination with SCE to identify opportunities to optimize energy infrastructure while minimizing cost and avoid barriers that may prevent future entry or expansion of energy efficient systems.

4.4.2 Minimize Heat Island

- Encourage the use of low albedo (reflection coefficient) materials in both paving, roofing and building materials to reflect rather than absorb incoming solar radiation.

4.4.3 Water Efficiency

- Use low-flush toilets, low-flow shower heads and other water conserving fixtures and appliances.
- Use state-of-the-art irrigation controllers and self-closing nozzles on hoses.
- Minimize turf areas within the community.
- Use drought-tolerant plants that require minimal or no irrigation.
- Use reclaimed water for irrigation of common areas, wherever available.
- Implement a landscaping plan with a plant palette that includes trees and major landscaping that will require minimal watering within 3-5 years of maturity.

4.4.4 Materials Efficiency

Where possible, consider selecting sustainable construction materials and products by evaluating characteristics such as reused and recycled content, zero or low off gassing of harmful air emissions, zero or low toxicity, sustainably harvested materials, high recyclability, durability, longevity, and local production. Such products promote resource conservation and efficiency. Using recycled-content products also helps develop markets for recycled materials that are being diverted from California's landfills, as mandated by the Integrated Waste Management Act.

- Use dimensional planning and other material efficiency strategies. These strategies reduce the amount of building materials needed and lower construction costs.
- Incorporate recycled materials, rapidly renewable materials and durable materials into building, landscape and/or infrastructure design, where possible.
- Incorporate regional or locally extracted or manufactured materials, where possible.

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5

DEVELOPMENT REGULATIONS

5.1 General Provisions

This Chapter establishes the permitted uses, development standards and regulations for the planned development within the Starlite Specific Plan area. The regulations and standards contained in this Chapter of the Specific Plan shall supersede those of the South El Monte Municipal Code (SEMMC), unless otherwise stated herein.

In instances of conflicting regulations and standards, the regulations and standards and contained in this Specific Plan shall take precedence over the SEMMC. If this Specific Plan is silent on an issue, then the standards in the SEMMC or other applicable City, state or federal code shall apply, as appropriate. The provisions in this Chapter are not intended to interfere with, abrogate, or annul any easement, covenant, or other agreement between parties.

Where the language in this Specific Plan is undefined, unclear, or vague, the final interpretation and determination shall be made by the Community Development Director, or his/her designee. Any determination by the Community Development Director may be appealed to the Planning Commission. Any determination by the Planning Commission may be appealed to the City Council. All decisions by the City Council shall be deemed final.

5.2 Allowable Development

The Specific Plan permits a maximum of 207 single-family and multi-family residential dwelling units at a density of up to 16.8 dwelling units per acre within the Specific Plan area. Parks, recreation facilities and open space serving the residents within the Specific Plan area are also permitted.

5.3 Permitted Uses within the Specific Plan Area

Permitted uses are identified on *Table 5.1, Starlite Specific Plan Permitted Uses*. Any other use or activity not listed in Table 5.1 may be permitted within the Specific Plan if it is compatible with the intent of the Specific Plan and is similar to a permitted use, subject to approval by the Community Development Director or his/her designee. The Community Development Director may determine to allow the use or may require approval of a Conditional Use Permit, subject to the provisions of Section 17.08.040 of the SEMMC.

Table 5.1
Starlite Specific Plan Permitted Uses

USES	
RESIDENTIAL, SINGLE-FAMILY AND MULTIPLE FAMILY	P
ACCESSORY BUILDINGS AND USES	P
COMMUNITY CARE FACILITIES	P
SMALL DAY CARE FACILITIES FOR NO MORE THAN 8 CHILDREN	P
HOME OCCUPATION	P
MOBILE HOME AND TRAILER	–
ACCESSORY DWELLING UNITS	Pursuant to Chapter 17.38 of the SEMMC
EMERGENCY, TRANSITIONAL AND SUPPORTIVE HOUSING	–
LARGE DAY CARE FOR NO MORE THAN 14 CHILDREN	CUP
PARKS AND RECREATION USES/FACILITIES	P
SCHOOLS, PUBLIC OR PRIVATE	–
INDUSTRIAL USES	–
COMMERCIAL USES	–
AGRICULTURAL USES	–
MODEL HOMES	T

P = PERMITTED BY RIGHT
CUP = CONDITIONAL USE PERMIT REQUIRED (PER CHAPTER 17.08.040 OF THE SEMMC)
T = TEMPORARY USE
– = PROHIBITED

5.4 Development Standards

The property development standards set forth in this Chapter shall apply to all land and buildings located within the confines of the Starlite Specific Plan. For detailed development standards and setbacks, please see *Table 5.2, Starlite Specific Plan Development Standards*.

Table 5.2
Starlite Specific Plan Development Standards

	DETACHED	ATTACHED
MAXIMUM DENSITY	16.8 DU/AC	
MAXIMUM NUMBER OF UNITS	207	
MINIMUM LOT DIMENSIONS	25 Wide by 50 Deep	N/A
MINIMUM LOT AREA	1,250 Square Feet	N/A
HEIGHT		
MAXIMUM BUILDING HEIGHT	36 Feet (Three Stories)	
LOT COVERAGE		
MAXIMUM LOT COVERAGE	70%	
MINIMUM SETBACK FROM[1]		
EXTERIOR PROPERTY LINE ALONG CHICO AVENUE	15 Feet	N/A
OTHER EXTERIOR PROPERTY LINES	9 Feet	10 Feet
INTERNAL STREET CURB EDGE	10 Feet	10 Feet
ALLEY DRIVE EDGE	3 Feet	3 Feet
MINIMUM BUILDING SEPARATION		
SIDE TO SIDE	6 Feet (Interior); 20 Feet (Across Paseo)	15 Feet
FRONT DOOR TO FRONT DOOR	N/A	20 Feet
REAR TO REAR (INTERIOR)	20 Feet	N/A
ALLEY DRIVE MINIMUM WIDTH	20 Feet	
MINIMUM COMMON OPEN SPACE	N/A	400 Square Feet per Unit
RECREATIONAL FACILITIES		
MINIMUM SETBACKS FROM PARKING	10 Feet	
MINIMUM SETBACKS FROM PROPERTY LINE	10 Feet	
MINIMUM SETBACKS FROM BUILDING OR STRUCTURE	20 Feet	
PARKING		
MINIMUM PARKING REQUIRED PER DWELLING UNIT	Two (2) Spaces within Garage; One Guest Parking per 2 Units. Guest parking may be provided in designated parking areas or along internal streets.	Two (2) Spaces within Garage; One Guest Parking per 2 Units. Guest parking may be provided in designated parking areas or along internal streets.

1. Projections and encroachments subject to Section 5.5, Allowable and Encroachments and Projections

5.5 Allowable Encroachments and Projections

An encroachment is a permitted projection into a setback. In all cases, all encroachments and projections shall comply with the California Building Code (CBC), as well as other applicable codes and regulations such as the American Disability Act and the SEMMC. The permitted encroachments are discussed below.

1. Architectural elements such as cornices, eaves, belt courses, bay windows, planter boxes, lighting fixtures, canopies, and the like that do not increase the interior floor area may encroach into any setback, provided they are at least three (3) feet from the property line.

2. Awnings may encroach into any required setback up to five (5) feet, provided there are no vertical supports located within the setback area, but may not reduce the setback distance to less than three (3) feet.

3. Landscape elements such as benches, fountains, and other decorative features may encroach into any setback, provided they do not obstruct any path of travel or intersection visibility requirements per Chapter 17.54 of the SEMMC.

4. Mechanical equipment may encroach into any required setback area up to the property line, provided the equipment is screened by landscape or material (e.g. wall) to the maximum extent feasible and allowed by the applicable utility provider.

5. Patio covers and porches may be permitted to encroach up to five (5) feet into any rear setback (measured from post or structural supports).

6. Balconies and exterior stairways may encroach up to five (5) feet into any setback, but shall be at least five (5) feet from any property line (including any posts or structural supports).

7. Accessory buildings are permitted to encroach into a required setback, subject to the provisions of Section 17.26 of the SEMMC.

5.6 Fences and Walls

Walls and fences for the Specific Plan area shall not exceed 6 feet in height. A combination garden and retaining wall may increase the minimum wall height to 8 feet in height. Pilasters and other wall decorative elements are allowed. Tubular steel fence at private yard along Chico Avenue shall be 42 inch in height.

5.7 Signage

Signage within the Specific Plan area shall comply with the design requirements and procedures found within Title 17 of the SEMMC.

Appendix B Air Quality/GHG Modeling

Appendix

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Air Quality and Greenhouse Gas Appendix

Air Quality and Greenhouse Gas Background and Modeling Data

AIR QUALITY

Climate/Meteorology

SOUTH COAST AIR BASIN

The project site lies in the South Coast Air Basin (SoCAB), which includes all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties. The SoCAB is in a coastal plain with connecting broad valleys and low hills and is bounded by the Pacific Ocean in the southwest quadrant, with high mountains forming the remainder of the perimeter. The general region lies in the semi-permanent high-pressure zone of the eastern Pacific. As a result, the climate is mild, tempered by cool sea breezes. This usually mild weather pattern is interrupted infrequently by periods of extremely hot weather, winter storms, and Santa Ana winds (South Coast AQMD 2005).

Temperature and Precipitation

The annual average temperature varies little throughout the SoCAB, ranging from the low to middle 60s, measured in degrees Fahrenheit (°F). With a more pronounced oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas. The climatological station nearest to the project site with temperature data is the Montebello, California Monitoring Station (ID No. 045790). The lowest average temperature is reported at 47.2°F in December, and the highest average temperature is 89.7°F in August (WRCC 2021).

In contrast to a very steady pattern of temperature, rainfall is seasonally and annually highly variable. Almost all rain falls from October through April. Summer rainfall is normally restricted to widely scattered thundershowers near the coast, with slightly heavier shower activity in the east and over the mountains. Rainfall historically averages 14.78 inches per year in the project area (WRCC 2021).

Humidity

Although the SoCAB has a semiarid climate, the air near the earth's surface is typically moist because of the presence of a shallow marine layer. Except for infrequent periods when dry, continental air is brought into the SoCAB by offshore winds, the "ocean effect" is dominant. Periods of heavy fog, especially along the coast, are frequent. Low clouds, often referred to as high fog, are a characteristic climatic feature. Annual average humidity is 70 percent at the coast and 57 percent in the eastern portions of the (South Coast AQMD 2005).

Wind

Wind patterns across the south coastal region are characterized by westerly or southwesterly onshore winds during the day and by easterly or northeasterly breezes at night. Wind speed is somewhat greater during the dry summer months than during the rainy winter season.

Between periods of wind, periods of air stagnation may occur, both in the morning and evening hours. Air stagnation is one of the critical determinants of air quality conditions on any given day. During the winter and fall months, surface high-pressure systems over the SoCAB, combined with other meteorological conditions, can result in very strong, downslope Santa Ana winds. These winds normally continue a few days before predominant meteorological conditions are reestablished.

The mountain ranges to the east affect the transport and diffusion of pollutants by inhibiting their eastward transport. Air quality in the SoCAB generally ranges from fair to poor and is similar to air quality in most of coastal southern California. The entire region experiences heavy concentrations of air pollutants during prolonged periods of stable atmospheric conditions (South Coast AQMD 2005).

Inversions

In conjunction with the two characteristic wind patterns that affect the rate and orientation of horizontal pollutant transport, there are two similarly distinct types of temperature inversions that control the vertical depth through which pollutants are mixed. These are the marine/subsidence inversion and the radiation inversion. The combination of winds and inversions are critical determinants in leading to the highly degraded air quality in summer and the generally good air quality in the winter in the project area (South Coast AQMD 2005).

Air Quality Regulations

The proposed project has the potential to release gaseous emissions of criteria pollutants and dust into the ambient air; therefore, it falls under the ambient air quality standards promulgated at the local, state, and federal levels. The project site is in the SoCAB and is subject to the rules and regulations imposed by the South Coast Air Quality Management District (South Coast AQMD). However, South Coast AQMD reports to California Air Resources board (CARB), and all criteria emissions are also governed by the California and national Ambient Air Quality Standards (AAQS). Federal, state, regional, and local laws, regulations, plans, or guidelines that are potentially applicable to the proposed project are summarized below.

AMBIENT AIR QUALITY STANDARDS

The Clean Air Act (CAA) was passed in 1963 by the US Congress and has been amended several times. The 1970 Clean Air Act amendments strengthened previous legislation and laid the foundation for the regulatory scheme of the 1970s and 1980s. In 1977, Congress again added several provisions, including nonattainment requirements for areas not meeting National AAQS and the Prevention of Significant Deterioration program. The 1990 amendments represent the latest in a series of federal efforts to regulate the protection of air quality in the United States. The CAA allows states to adopt more stringent standards or to include other pollution species. The California Clean Air Act (CCAA), signed into law in 1988, requires all areas of the state to achieve

and maintain the California AAQS by the earliest practical date. The California AAQS tend to be more restrictive than the National AAQS, based on even greater health and welfare concerns.

These National AAQS and California AAQS are the levels of air quality considered to provide a margin of safety in the protection of the public health and welfare. They are designed to protect "sensitive receptors" most susceptible to further respiratory distress, such as asthmatics, the elderly, very young children, people already weakened by other disease or illness, and persons engaged in strenuous work or exercise. Healthy adults can tolerate occasional exposure to air pollutant concentrations considerably above these minimum standards before adverse effects are observed.

Both California and the federal government have established health-based AAQS for seven air pollutants. As shown in Table 1, these pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), coarse inhalable particulate matter (PM_{10}), fine inhalable particulate matter ($PM_{2.5}$), and lead (Pb). In addition, the state has set standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles. These standards are designed to protect the health and welfare of the populace with a reasonable margin of safety.

Table 1 Ambient Air Quality Standards for Criteria Pollutants

Pollutant	Averaging Time	California Standard[1]	Federal Primary Standard[2]	Major Pollutant Sources
Ozone (O_3)[3]	1 hour	0.09 ppm	*	Motor vehicles, paints, coatings, and solvents.
	8 hours	0.070 ppm	0.070 ppm	
Carbon Monoxide (CO)	1 hour	20 ppm	35 ppm	Internal combustion engines, primarily gasoline-powered motor vehicles.
	8 hours	9.0 ppm	9 ppm	
Nitrogen Dioxide (NO_2)	Annual Arithmetic Mean	0.030 ppm	0.053 ppm	Motor vehicles, petroleum-refining operations, industrial sources, aircraft, ships, and railroads.
	1 hour	0.18 ppm	0.100 ppm	
Sulfur Dioxide (SO_2)	Annual Arithmetic Mean	*	0.030 ppm	Fuel combustion, chemical plants, sulfur recovery plants, and metal processing.
	1 hour	0.25 ppm	0.075 ppm	
	24 hours	0.04 ppm	0.14 ppm	
Respirable Coarse Particulate Matter (PM_{10})	Annual Arithmetic Mean	20 $\mu g/m^3$	*	Dust and fume-producing construction, industrial, and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g., wind-raised dust and ocean sprays).
	24 hours	50 $\mu g/m^3$	150 $\mu g/m^3$	
Respirable Fine Particulate Matter ($PM_{2.5}$)[4]	Annual Arithmetic Mean	12 $\mu g/m^3$	12 $\mu g/m^3$	Dust and fume-producing construction, industrial, and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g., wind-raised dust and ocean sprays).
	24 hours	*	35 $\mu g/m^3$	

Table 1 Ambient Air Quality Standards for Criteria Pollutants

Pollutant	Averaging Time	California Standard[1]	Federal Primary Standard[2]	Major Pollutant Sources
Lead (Pb)	30-Day Average	1.5 μg/m^3	*	Present source: lead smelters, battery manufacturing & recycling facilities. Past source: combustion of leaded gasoline.
	Calendar Quarter	*	1.5 μg/m^3	
	Rolling 3-Month Average	*	0.15 μg/m^3	
Sulfates (SO_4)[5]	24 hours	25 μg/m^3	*	Industrial processes.
Visibility Reducing Particles	8 hours	ExCo =0.23/km visibility of 10≥ miles	No Federal Standard	Visibility-reducing particles consist of suspended particulate matter, which is a complex mixture of tiny particles that consists of dry solid fragments, solid cores with liquid coatings, and small droplets of liquid. These particles vary greatly in shape, size and chemical composition, and can be made up of many different materials such as metals, soot, soil, dust, and salt.
Hydrogen Sulfide	1 hour	0.03 ppm	No Federal Standard	Hydrogen sulfide (H_2S) is a colorless gas with the odor of rotten eggs. It is formed during bacterial decomposition of sulfur-containing organic substances. Also, it can be present in sewer gas and some natural gas and can be emitted as the result of geothermal energy exploitation.
Vinyl Chloride	24 hours	0.01 ppm	No Federal Standard	Vinyl chloride (chloroethene), a chlorinated hydrocarbon, is a colorless gas with a mild, sweet odor. Most vinyl chloride is used to make polyvinyl chloride (PVC) plastic and vinyl products. Vinyl chloride has been detected near landfills, sewage plants, and hazardous waste sites, due to microbial breakdown of chlorinated solvents.

Source: CARB 2016.
Notes: ppm: parts per million; μg/m^3: micrograms per cubic meter
* Standard has not been established for this pollutant/duration by this entity.
1 California standards for O_3, CO (except 8-hour Lake Tahoe), SO_2 (1 and 24 hour), NO_2, and particulate matter (PM_{10}, $PM_{2.5}$, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2 National standards (other than O_3, PM, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 μg/m^3 is equal to or less than one. For $PM_{2.5}$, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard.
3 On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
4 On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 μg/m^3 to 12.0 μg/m^3. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 μg/m^3, as was the annual secondary standard of 15 μg/m^3. The existing 24-hour PM_{10} standards (primary and secondary) of 150 μg/m^3 also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
5 On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. The 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

California has also adopted a host of other regulations that reduce criteria pollutant emissions, including:

- AB 1493: Pavley Fuel Efficiency Standards
- Title 20 California Code of Regulations (CCR): Appliance Energy Efficiency Standards
- Title 24, Part 6, CCR: Building and Energy Efficiency Standards

- Title 24, Part 11, CCR: Green Building Standards Code

CRITERIA AIR POLLUTANTS

The air pollutants emitted into the ambient air by stationary and mobile sources are regulated by federal and state law. Air pollutants are categorized as primary or secondary pollutants. Primary air pollutants are those that are emitted directly from sources and include CO, VOC, NO_2, SO_X, PM_{10}, $PM_{2.5}$, and Pb. Of these, CO, SO_2, NO_2, PM_{10}, and $PM_{2.5}$ are "criteria air pollutants," which means that ambient air quality standards (AAQS) have been established for them. VOC and oxides of nitrogen (NO_x) are air pollutant precursors that form secondary criteria pollutants through chemical and photochemical reactions in the atmosphere. Ozone (O_3) and NO_2 are the principal secondary pollutants. A description of each of the primary and secondary criteria air pollutants and their known health effects is presented below.

Carbon Monoxide (CO) is a colorless, odorless, toxic gas produced by incomplete combustion of carbon substances, such as gasoline or diesel fuel. CO is a primary criteria air pollutant. CO concentrations tend to be the highest during winter mornings with little to no wind, when surface-based inversions trap the pollutant at ground levels. Because CO is emitted directly from internal combustion, engines and motor vehicles operating at slow speeds are the primary source of CO in the SoCAB. The highest ambient CO concentrations are generally found near traffic-congested corridors and intersections. The primary adverse health effect associated with CO is interference with normal oxygen transfer to the blood, which may result in tissue oxygen deprivation (South Coast AQMD 2005, USEPA 2021). The SoCAB is designated as being in attainment under the California AAQS and attainment (serious maintenance) under the National AAQS (CARB 2019).

Volatile Organic Compounds (VOC) are compounds composed primarily of atoms of hydrogen and carbon. Internal combustion associated with motor vehicle usage is the major source of hydrocarbons. Other sources of VOCs include evaporative emissions associated with the use of paints and solvents, the application of asphalt paving, and the use of household consumer products such as aerosols. There are no ambient air quality standards established for VOCs. However, because they contribute to the formation of ozone (O_3), South Coast AQMD has established a significance threshold for this pollutant (South Coast AQMD 2005).

Nitrogen Oxides (NO_x) are a byproduct of fuel combustion and contribute to the formation of O_3, PM_{10}, and $PM_{2.5}$. The two major forms of NO_x are nitric oxide (NO) and nitrogen dioxide (NO_2). The principal form of NO_2 produced by combustion is NO, but NO reacts with oxygen to form NO_2, creating the mixture of NO and NO_2 commonly called NO_x. NO_2 acts as an acute irritant and, in equal concentrations, is more injurious than NO. At atmospheric concentrations, however, NO_2 is only potentially irritating. There is some indication of a relationship between NO_2 and chronic pulmonary fibrosis. Some increase in bronchitis in children (two and three years old) has also been observed at concentrations below 0.3 part per million (ppm). NO_2 absorbs blue light; the result is a brownish-red cast to the atmosphere and reduced visibility. NO is a colorless, odorless gas formed from atmospheric nitrogen and oxygen when combustion takes place under high temperature and/or high pressure (South Coast AQMD 2005, USEPA 2021). The SoCAB is designated as an attainment (maintenance) area under the National AAQS and attainment area under the California AAQS (CARB 2019).

Sulfur Dioxide (SO_2) is a colorless, pungent, irritating gas formed by the combustion of sulfurous fossil fuels. It enters the atmosphere as a result of burning high-sulfur-content fuel oils and coal and from chemical processes at chemical plants and refineries. Gasoline and natural gas have very low sulfur content and do not release significant quantities of SO_2 (South Coast AQMD 2005, USEPA 2021). When sulfur dioxide forms sulfates (SO_4) in the atmosphere, together these pollutants are referred to as sulfur oxides (SO_X). Thus, SO_2 is both a primary and secondary criteria air pollutant. At sufficiently high concentrations, SO_2 may irritate the upper respiratory tract. At lower concentrations and when combined with particulates, SO_2 may do greater harm by injuring lung tissue. The SoCAB is designated as attainment under the California and National AAQS (CARB 2019).

Suspended Particulate Matter (PM_{10} and $PM_{2.5}$) consists of finely divided solids or liquids such as soot, dust, aerosols, fumes, and mists. Two forms of fine particulates are now recognized and regulated. Inhalable coarse particles, or PM_{10}, include the particulate matter with an aerodynamic diameter of 10 microns (i.e., 10 millionths of a meter or 0.0004 inch) or less. Inhalable fine particles, or $PM_{2.5}$, have an aerodynamic diameter of 2.5 microns (i.e., 2.5 millionths of a meter or 0.0001 inch) or less. Particulate discharge into the atmosphere results primarily from industrial, agricultural, construction, and transportation activities. However, wind action on arid landscapes also contributes substantially to local particulate loading (i.e., fugitive dust). Both PM_{10} and $PM_{2.5}$ may adversely affect the human respiratory system, especially in people who are naturally sensitive or susceptible to breathing problems (South Coast AQMD 2005).

The US Environmental Protection Agency's (EPA) scientific review concluded that $PM_{2.5}$, which penetrates deeply into the lungs, is more likely than PM_{10} to contribute to health effects and at concentrations that extend well below those allowed by the current PM_{10} standards. These health effects include premature death and increased hospital admissions and emergency room visits (primarily the elderly and individuals with cardiopulmonary disease); increased respiratory symptoms and disease (children and individuals with cardiopulmonary disease such as asthma); decreased lung functions (particularly in children and individuals with asthma); and alterations in lung tissue and structure and in respiratory tract defense mechanisms (South Coast AQMD 2005). There has been emerging evidence that even smaller particulates with an aerodynamic diameter of <0.1 microns or less (i.e., ≤0.1 millionths of a meter or <0.000004 inch), known as ultrafine particulates (UFPs), have human health implications, because UFPs toxic components may initiate or facilitate biological processes that may lead to adverse effects to the heart, lungs, and other organs (South Coast AQMD 2013). However, the EPA or CARB have yet to adopt AAQS to regulate these particulates. Diesel particulate matter (DPM) is classified by the CARB as a carcinogen (CARB 1998). Particulate matter can also cause environmental effects such as visibility impairment,[1] environmental damage,[2] and aesthetic damage[3] (South Coast AQMD 2005; USEPA 2021). The SoCAB is in nonattainment and serious nonattainment for $PM_{2.5}$ under the California

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1 $PM_{2.5}$ is the main cause of reduced visibility (haze) in parts of the United States.

2 Particulate matter can be carried over long distances by wind and then settle on ground or water, making lakes and streams acidic; changing the nutrient balance in coastal waters and large river basins; depleting the nutrients in soil; damaging sensitive forests and farm crops; and affecting the diversity of ecosystems.

3 Particulate matter can stain and damage stone and other materials, including culturally important objects such as statues and monuments.

and National AAQS, respectively. For PM_{10}, the SoCAB is nonattainment under the California AAQS and in attainment (serious maintenance) under the National AAQS (CARB 2019).[4]

Ozone (O_3) is commonly referred to as "smog" and is a gas that is formed when VOCs and NO_x, both by-products of internal combustion engine exhaust, undergo photochemical reactions in the presence of sunlight. O_3 is a secondary criteria air pollutant. O_3 concentrations are generally highest during the summer months when direct sunlight, light winds, and warm temperatures create favorable conditions for the formation of this pollutant. O_3 poses a health threat to those who already suffer from respiratory diseases as well as to healthy people. Breathing O_3 can trigger a variety of health problems, including chest pain, coughing, throat irritation, and congestion. It can worsen bronchitis, emphysema, and asthma. Ground-level O_3 also can reduce lung function and inflame the linings of the lungs. Repeated exposure may permanently scar lung tissue. O_3 also affects sensitive vegetation and ecosystems, including forests, parks, wildlife refuges, and wilderness areas. In particular, O_3 harms sensitive vegetation during the growing season (South Coast AQMD 2005; USEPA 2021). The SoCAB is designated as extreme nonattainment under the National AAQS (8-hour) and as nonattainment under the California AAQS (1-hour and 8-hour). (CARB 2019).

Lead (Pb) is a metal found naturally in the environment as well as in manufactured products. Once taken into the body, lead distributes throughout the body in the blood and accumulates in the bones. Depending on the level of exposure, lead can adversely affect the nervous system, kidney function, immune system, reproductive and developmental systems, and the cardiovascular system. Lead exposure also affects the oxygen-carrying capacity of the blood. The effects of lead most commonly encountered in current populations are neurological effects in children and cardiovascular effects in adults (e.g., high blood pressure and heart disease). Infants and young children are especially sensitive to even low levels of lead, which may contribute to behavioral problems, learning deficits, and lowered IQ (South Coast AQMD 2005; USEPA 2021). The major sources of lead emissions have historically been mobile and industrial sources. As a result of the EPA's regulatory efforts to remove lead from gasoline, emissions of lead from the transportation sector dramatically declined by 95 percent between 1980 and 1999, and levels of lead in the air decreased by 94 percent between 1980 and 1999. Today, the highest levels of lead in air are usually found near lead smelters. The major sources of lead emissions today are ore and metals processing and piston-engine aircraft operating on leaded aviation gasoline. However, in 2008 the EPA and CARB adopted stricter lead standards, and special monitoring sites immediately downwind of lead sources recorded very localized violations of the new state and federal standards.[5] As a result of these violations, the Los Angeles County portion of the SoCAB is designated nonattainment under the National AAQS for lead (South Coast AQMD 2012; CARB 2019). Because emissions of lead are found only in projects that are permitted by South Coast AQMD, lead is not a pollutant of concern for the project.

[4] CARB approved the South Coast AQMD's request to redesignate the SoCAB from serious nonattainment for PM_{10} to attainment for PM_{10} under the National AAQS on March 25, 2010, because the SoCAB did not violate federal 24-hour PM_{10} standards from 2004 to 2007. The EPA approved the State of California's request to redesignate the South Coast PM_{10} nonattainment area to attainment of the PM_{10} National AAQS, effective on July 26, 2013.

[5] Source-oriented monitors record concentrations of lead at lead-related industrial facilities in the SoCAB, which include Exide Technologies in the City of Commerce; Quemetco, Inc., in the City of Industry; Trojan Battery Company in Santa Fe Springs; and Exide Technologies in Vernon. Monitoring conducted between 2004 through 2007 showed that the Trojan Battery Company and Exide Technologies exceed the federal standards (South Coast AQMD 2012).

TOXIC AIR CONTAMINANTS

The public's exposure to air pollutants classified as toxic air contaminants (TACs) is a significant environmental health issue in California. In 1983, the California Legislature enacted a program to identify the health effects of TACs and to reduce exposure to these contaminants to protect the public health. The California Health and Safety Code defines a TAC as "an air pollutant which may cause or contribute to an increase in mortality or in serious illness, or which may pose a present or potential hazard to human health." A substance that is listed as a hazardous air pollutant (HAP) pursuant to Section 112(b) of the federal Clean Air Act (42 United States Code §7412[b]) is a toxic air contaminant. Under state law, the California Environmental Protection Agency (Cal/EPA), acting through CARB, is authorized to identify a substance as a TAC if it determines that the substance is an air pollutant that may cause or contribute to an increase in mortality or to an increase in serious illness, or may pose a present or potential hazard to human health.

California regulates TACs primarily through Assembly Bill (AB) 1807 (Tanner Air Toxics Act) and AB 2588 (Air Toxics "Hot Spot" Information and Assessment Act of 1987). The Tanner Air Toxics Act sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an "airborne toxics control measure" for sources that emit designated TACs. If there is a safe threshold for a substance (i.e., a point below which there is no toxic effect), the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology to minimize emissions. To date, CARB has established formal control measures for 11 TACs, all of which are identified as having no safe threshold.

Air toxics from stationary sources are also regulated in California under the Air Toxics "Hot Spot" Information and Assessment Act of 1987. Under AB 2588, toxic air contaminant emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, are required to communicate the results to the public in the form of notices and public meetings.

By the last update to the TAC list in December 1999, CARB had designated 244 compounds as TACs (CARB 1999). Additionally, CARB has implemented control measures for a number of compounds that pose high risks and show potential for effective control. The majority of the estimated health risks from TACs can be attributed to relatively few compounds, the most important being particulate matter from diesel-fueled engines.

Diesel Particulate Matter

In 1998, CARB identified particulate emissions from diesel-fueled engines (diesel PM) as a TAC. Previously, the individual chemical compounds in diesel exhaust were considered TACs. Almost all diesel exhaust particle mass is 10 microns or less in diameter. Because of their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lung.

CARB has promulgated the following specific rules to limit TAC emissions:

- 13 CCR Chapter 10, Section 2485, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling

- 13 CCR Chapter 10, Section 2480, Airborne Toxic Control Measure to Limit School Bus Idling and Idling at Schools
- 13 CCR Section 2477 and Article 8, Airborne Toxic Control Measure for In-Use Diesel-Fueled Transport Refrigeration Units (TRU) and TRU Generator Sets and Facilities Where TRUs Operate

Community Risk

In addition, to reduce exposure to TACs, CARB developed and approved the *Air Quality and Land Use Handbook: A Community Health Perspective* (2005) to provide guidance regarding the siting of sensitive land uses in the vicinity of freeways, distribution centers, rail yards, ports, refineries, chrome-plating facilities, dry cleaners, and gasoline-dispensing facilities. This guidance document was developed to assess compatibility and associated health risks when placing sensitive receptors near existing pollution sources. CARB's recommendations on the siting of new sensitive land uses were based on a compilation of recent studies that evaluated data on the adverse health effects from proximity to air pollution sources. The key observation in these studies is that proximity to air pollution sources substantially increases exposure and the potential for adverse health effects. There are three carcinogenic toxic air contaminants that constitute the majority of the known health risks from motor vehicle traffic, DPM from trucks, and benzene and 1,3-butadiene from passenger vehicles. CARB recommendations are based on data that show that localized air pollution exposures can be reduced by as much as 80 percent by following CARB minimum distance separations.

Multiple Airborne Toxics Exposure Study (MATES)

The Multiple Air Toxics Exposure Study (MATES) is a monitoring and evaluation study on ambient concentrations of TACs and estimated the potential health risks from air toxics in the SoCAB. In 2008, South Coast AQMD conducted its third update to the MATES study (MATES III). The results showed that the overall risk for excess cancer from a lifetime exposure to ambient levels of air toxics was about 1,200 in a million. The largest contributor to this risk was diesel exhaust, accounting for 84 percent of the cancer risk (South Coast AQMD 2008b).

South Coast AQMD recently released the fourth update (MATES IV). The results showed that the overall monitored risk for excess cancer from a lifetime exposure to ambient levels of air toxics decreased to approximately 418 in one million. Compared to the 2008 MATES III, monitored excess cancer risks decreased by approximately 65 percent. Approximately 90 percent of the risk is attributed to mobile sources while 10 percent is attributed to TACs from stationary sources, such as refineries, metal processing facilities, gas stations, and chrome plating facilities. The largest contributor to this risk was diesel exhaust, accounting for approximately 68 percent of the air toxics risk. Compared to MATES III, MATES IV found substantial improvement in air quality and associated decrease in air toxics exposure. As a result, the estimated basin-wide population-weighted risk decreased by approximately 57 percent compared to the analysis done for the MATES III time period (South Coast AQMD 2015a).

The Office of Environmental Health Hazard Assessment (OEHHA) updated the guidelines for estimating cancer risks on March 6, 2015. The new method utilizes higher estimates of cancer potency during early life exposures, which result in a higher calculation of risk. There are also differences in the assumptions on

breathing rates and length of residential exposures. When combined together, South Coast AQMD estimates that risks for a given inhalation exposure level will be about 2.7 times higher using the proposed updated methods identified in MATES IV (e.g., 2.7 times higher than 418 in one million overall excess cancer risk) (South Coast AQMD 2015a).

Air Quality Management Planning

The South Coast AQMD is the agency responsible for preparing the air quality management plan (AQMP) for the SoCAB in coordination with the Southern California Association of Governments (SCAG). Since 1979, a number of AQMPs have been prepared.

2016 AQMP

On March 3, 2017, the South Coast AQMD adopted the 2016 AQMP as an update to the 2012 AQMP. The 2016 AQMP addresses strategies and measures to attain the following National AAQS:

- 2008 National 8-hour ozone standard by 2031,
- 2012 National annual $PM_{2.5}$ standard by 2025[6],
- 2006 National 24-hour $PM_{2.5}$ standard by 2019,
- 1997 National 8-hour ozone standard by 2023, and the
- 1979 National 1-hour ozone standard by year 2022.

It is projected that total NO_X emissions in the SoCAB would need to be reduced to 150 tons per day (tpd) by year 2023 and to 100 tpd in year 2031 to meet the 1997 and 2008 federal 8-hour ozone standards. The strategy to meet the 1997 federal 8-hour ozone standard would also lead to attaining the 1979 federal 1-hour ozone standard by year 2022 (South Coast AQMD 2017), which requires reducing NO_X emissions in the SoCAB to 250 tpd. This is approximately 45 percent additional reductions above existing regulations for the 2023 ozone standard and 55 percent additional reductions above existing regulations to meet the 2031 ozone standard.

Reducing NO_X emissions would also reduce $PM_{2.5}$ concentrations in the SoCAB. However, as the goal is to meet the 2012 federal annual $PM_{2.5}$ standard no later than year 2025, South Coast AQMD is seeking to reclassify the SoCAB from "moderate" to "serious" nonattainment under this federal standard. A "moderate" non-attainment would require meeting the 2012 federal standard by no later than 2021.

Overall, the 2016 AQMP is composed of stationary and mobile-source emission reductions from regulatory control measures, incentive-based programs, co-benefits from climate programs, mobile-source strategies, and reductions from federal sources such as aircrafts, locomotives, and ocean-going vessels. Strategies outlined in the 2016 AQMP would be implemented in collaboration between CARB and the EPA (South Coast AQMD 2017).

[6] The 2016 AQMP requests a reclassification from moderate to serious non-attainment for the 2012 National $PM_{2.5}$ standard.

LEAD STATE IMPLEMENTATION PLAN

In 2008, EPA designated the Los Angeles County portion of the SoCAB nonattainment under the federal lead (Pb) classification due to the addition of source-specific monitoring under the new federal regulation. This designation was based on two source-specific monitors in Vernon and the City of Industry exceeding the new standard. The rest of the SoCAB, outside the Los Angeles County nonattainment area remains in attainment of the new standard. On May 24, 2012, CARB approved the SIP revision for the federal lead standard, which the EPA revised in 2008. Lead concentrations in this nonattainment area have been below the level of the federal standard since December 2011. The SIP revision was submitted to EPA for approval.

AREA DESIGNATIONS

The AQMP provides the framework for air quality basins to achieve attainment of the state and federal ambient air quality standards through the State Implementation Plan (SIP). Areas are classified as attainment or nonattainment areas for particular pollutants, depending on whether they meet ambient air quality standards. Severity classifications for ozone nonattainment range in magnitude from marginal, moderate, and serious to severe and extreme.

- **Unclassified:** a pollutant is designated unclassified if the data are incomplete and do not support a designation of attainment or nonattainment.
- **Attainment:** a pollutant is in attainment if the CAAQS for that pollutant was not violated at any site in the area during a three-year period.
- **Nonattainment:** a pollutant is in nonattainment if there was at least one violation of a state AAQS for that pollutant in the area.
- **Nonattainment/Transitional:** a subcategory of the nonattainment designation. An area is designated nonattainment/transitional to signify that the area is close to attaining the AAQS for that pollutant.

The attainment status for the SoCAB is shown in Table 2. The SoCAB is designated in attainment of the California AAQS for sulfates. The SoCAB is designated as nonattainment for lead (Los Angeles County only) under the National AAQS.

Table 2 Attainment Status of Criteria Pollutants in the South Coast Air Basin

Pollutant	State	Federal
Ozone – 1-hour	Nonattainment	No Federal Standard
Ozone – 8-hour	Nonattainment	Extreme Nonattainment
PM_{10}	Nonattainment	Attainment (Serious Maintenance)
$PM_{2.5}$	Nonattainment	Nonattainment[1]
CO	Attainment	Attainment
NO_2	Attainment	Attainment (Maintenance)
SO_2	Attainment	Attainment
Lead	Attainment	Nonattainment (Los Angeles County only)[2]

Table 2 Attainment Status of Criteria Pollutants in the South Coast Air Basin

Pollutant	State	Federal
All others	Attainment/Unclassified	Attainment/Unclassified

Source: CARB 2019.
1 The South Coast AQMD is seeking to reclassify the SoCAB from "moderate" to "serious" nonattainment under federal $PM_{2.5}$ standard.
2 In 2010, the Los Angeles portion of the SoCAB was designated nonattainment for lead under the new federal and existing state AAQS as a result of large industrial emitters. Remaining areas in the SoCAB are unclassified.

Existing Ambient Air Quality

Existing levels of ambient air quality and historical trends and projections in the vicinity of the project site are best documented by measurements taken by the South Coast AQMD. The project site is located within Source Receptor Area (SRA) 11 – South San Gabriel Valley. The air quality monitoring station closest to the project site is the Pico Rivera-4144 San Gabriel Monitoring Station, which monitors O_3, NO_x, and $PM_{2.5}$. Information regarding PM_{10} is supplemented by data from the Azusa Monitoring Station. The most current five years of data from these monitoring stations are included in Table 3, *Ambient Air Quality Monitoring Summary*. The data show regular violations of the state and federal O_3, state PM_{10}, and federal $PM_{2.5}$ standards in the last five years.

Table 3 Ambient Air Quality Monitoring Summary

Pollutant/Standard	Number of Days Threshold Were Exceeded and Maximum Levels during Such Violations				
	2015	2016	2017	2018	2019
Ozone (O_3)[1]					
State 1-Hour ≥ 0.09 ppm (days exceed threshold)	6	9	7	3	5
State 8-hour ≥ 0.07 ppm (days exceed threshold)	11	6	9	5	7
Federal 8-Hour > 0.075 ppm (days exceed threshold)	2	2	4	2	3
Max. 1-Hour Conc. (ppm)	0.107	0.111	0.118	0.115	0.108
Max. 8-Hour Conc. (ppm)	0.081	0.081	0.086	0.082	0.091
Nitrogen Dioxide (NO_2)[1]					
State 1-Hour ≥ 0.18 ppm (days exceed threshold)	0	0	0	0	0
Federal 1-Hour ≥ 0.100 ppm (days exceed threshold)	0	0	0	0	0
Max. 1-Hour Conc. (ppb)	0.0704	0.0632	0.0750	0.0768	0.0618
Coarse Particulates (PM_{10})[1]					
State 24-Hour > 50 µg/m³ (days exceed threshold)	12	12	7	10	4
Federal 24-Hour > 150 µg/m³ (days exceed threshold)	0	0	0	0	0
Max. 24-Hour Conc. (µg/m³)	101.0	74.0	83.9	78.3	82.0
Fine Particulates ($PM_{2.5}$)[1]					
Federal 24-Hour > 35 µg/m³ (days exceed threshold)	3	2	1	2	1
Max. 24-Hour Conc. (µg/m³)	52.7	46.5	49.5	56.3	50.2

Source: CARB 2021.
ppm: parts per million; parts per billion, µg/m³: micrograms per cubic meter
Notes: * Data not available.
1 Data obtained from the Pico Rivera-4144 San Gabriel Monitoring Station
2 Data obtained from the Azusa Monitoring Station

Sensitive Receptors

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Sensitive population groups include children, the elderly, the acutely ill, and the chronically ill, especially those with cardio-respiratory diseases.

Residential areas are also considered to be sensitive receptors to air pollution because residents (including children and the elderly) tend to be at home for extended periods of time, resulting in sustained exposure to any pollutants present. Schools are also considered sensitive receptors, as children are present for extended durations and engage in regular outdoor activities. Recreational land uses are considered moderately sensitive to air pollution. Although exposure periods are generally short, exercise places a high demand on respiratory functions, which can be impaired by air pollution. In addition, noticeable air pollution can detract from the enjoyment of recreation. Industrial and commercial areas are considered the least sensitive to air pollution. Exposure periods are relatively short and intermittent, as the majority of the workers tend to stay indoors most of the time. In addition, the working population is generally the healthiest segment of the public. The nearest sensitive receptors to the proposed project site are the residences along Marybeth Avenue to the north.

Methodology

Projected construction-related air pollutant emissions are calculated using the California Emissions Estimator Model (CalEEMod), Version 2016.3.2.25. CalEEMod compiles an emissions inventory of construction (fugitive dust, off-gas emissions, on-road emissions, and off-road emissions), area sources, indirect emissions from energy use, mobile sources, indirect emissions from waste disposal (annual only), and indirect emissions from water/wastewater (annual only) use. The calculated emissions of the project are compared to thresholds of significance for individual projects using the South Coast AQMD's *CEQA Air Quality Analysis Guidance Handbook*.

Thresholds of Significance

The analysis of the proposed project's air quality impacts follows the guidance and methodologies recommended in South Coast AQMD's *CEQA Air Quality Handbook* and the significance thresholds on South Coast AQMD's website (South Coast AQMD 1993). CEQA allows the significance criteria established by the applicable air quality management or air pollution control district to be used to assess impacts of a project on air quality. South Coast AQMD has established thresholds of significance for regional air quality emissions for construction activities and project operation. In addition to the daily thresholds listed above, projects are also subject to the AAQS. These are addressed though an analysis of localized CO impacts and localized significance thresholds (LSTs).

REGIONAL SIGNIFICANCE THRESHOLDS

The South Coast AQMD has adopted regional construction and operational emissions thresholds to determine a project's cumulative impact on air quality in the SoCAB. Table 4 lists South Coast AQMD's regional significance thresholds that are applicable for all projects uniformly regardless of size or scope. There is growing evidence that although ultrafine particulates contribute a very small portion of the overall atmospheric

mass concentration, they represent a greater proportion of the health risk from PM. However, the EPA or CARB have not yet adopted AAQS to regulate ultrafine particulates; therefore, South Coast AQMD has not developed thresholds for them.

Table 4 South Coast AQMD Significance Thresholds

Air Pollutant	Construction Phase	Operational Phase
Reactive Organic Gases (ROGs)/ Volatile Organic Compounds (VOCs)	75 lbs/day	55 lbs/day
Nitrogen Oxides (NO_X)	100 lbs/day	55 lbs/day
Carbon Monoxide (CO)	550 lbs/day	550 lbs/day
Sulfur Oxides (SO_X)	150 lbs/day	150 lbs/day
Particulates (PM_{10})	150 lbs/day	150 lbs/day
Particulates ($PM_{2.5}$)	55 lbs/day	55 lbs/day

Source: South Coast AQMD 2019.

Projects that exceed the regional significance threshold contribute to the nonattainment designation of the SoCAB. The attainment designations are based on the AAQS, which are set at levels of exposure that are determined to not result in adverse health. Exposure to fine particulate pollution and ozone causes myriad health impacts, particularly to the respiratory and cardiovascular systems:

- Linked to increased cancer risk ($PM_{2.5}$, TACs)
- Aggravates respiratory disease (O_3, $PM_{2.5}$)
- Increases bronchitis (O_3, $PM_{2.5}$)
- Causes chest discomfort, throat irritation, and increased effort to take a deep breath (O_3)
- Reduces resistance to infections and increases fatigue (O_3)
- Reduces lung growth in children ($PM_{2.5}$)
- Contributes to heart disease and heart attacks ($PM_{2.5}$)
- Contributes to premature death (O_3, $PM_{2.5}$)
- Linked to lower birth weight in newborns ($PM_{2.5}$) (South Coast AQMD 2015b)

Exposure to fine particulates and ozone aggravates asthma attacks and can amplify other lung ailments such as emphysema and chronic obstructive pulmonary disease. Exposure to current levels of $PM_{2.5}$ is responsible for an estimated 4,300 cardiopulmonary-related deaths per year in the SoCAB. In addition, University of Southern California scientists responsible for a landmark children's health study found that lung growth improved as air pollution declined for children aged 11 to 15 in five communities in the SoCAB (South Coast AQMD 2015c).

Mass emissions in Table 4 are not correlated with concentrations of air pollutants but contribute to the cumulative air quality impacts in the SoCAB. Therefore, regional emissions from a single project do not single-handedly trigger a regional health impact. South Coast AQMD is the primary agency responsible for ensuring the health and welfare of sensitive individuals to elevated concentrations of air quality in the SoCAB. To achieve the health-based standards established by the EPA, South Coast AQMD prepares an AQMP that details regional programs to attain the AAQS.

CO HOTSPOTS

Areas of vehicle congestion have the potential to create pockets of CO called hot spots. These pockets have the potential to exceed the state one-hour standard of 20 ppm or the eight-hour standard of 9 ppm. Because CO is produced in greatest quantities from vehicle combustion and does not readily disperse into the atmosphere, adherence to ambient air quality standards is typically demonstrated through an analysis of localized CO concentrations. Hot spots are typically produced at intersections, where traffic congestion is highest because vehicles queue for longer periods and are subject to reduced speeds. With the turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations in the SoCAB and in the state have steadily declined.

In 2007, the SoCAB was designated in attainment for CO under both the California AAQS and National AAQS. The CO hot spot analysis conducted for the attainment by the South Coast AQMD for busiest intersections in Los Angeles during the peak morning and afternoon periods plan did not predict a violation of CO standards.[7] As identified in the South Coast AQMD's 2003 AQMP and the 1992 Federal Attainment Plan for Carbon Monoxide (1992 CO Plan), peak carbon monoxide concentrations in the SoCAB in previous years, prior to redesignation, were a result of unusual meteorological and topographical conditions and not a result of congestion at a particular intersection. Under existing and future vehicle emission rates, a project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour—or 24,000 vehicles per hour where vertical and/or horizontal air does not mix—in order to generate a significant CO impact (BAAQMD 2017).

LOCALIZED SIGNIFICANCE THRESHOLDS

The South Coast AQMD developed LSTs for emissions of NO_2, CO, PM_{10}, and $PM_{2.5}$ generated at the project site (offsite mobile-source emissions are not included in the LST analysis). LSTs represent the maximum emissions at a project site that are not expected to cause or contribute to an exceedance of the most stringent federal or state AAQS and are shown in Table 5.

[7] The four intersections were: Long Beach Boulevard and Imperial Highway; Wilshire Boulevard and Veteran Avenue; Sunset Boulevard and Highland Avenue; and La Cienega Boulevard and Century Boulevard. The busiest intersection evaluated (Wilshire and Veteran) had a daily traffic volume of approximately 100,000 vehicles per day with LOS E in the morning peak hour and LOS F in the evening peak hour.

Table 5 South Coast AQMD Localized Significance Thresholds

Air Pollutant (Relevant AAQS)	Concentration
1-Hour CO Standard (CAAQS)	20 ppm
8-Hour CO Standard (CAAQS)	9.0 ppm
1-Hour NO_2 Standard (CAAQS)	0.18 ppm
Annual NO_2 Standard (CAAQS)	0.03 ppm
24-Hour PM_{10} Standard – Construction (South Coast AQMD)[1]	10.4 μg/m^3
24-Hour $PM_{2.5}$ Standard – Construction (South Coast AQMD)[1]	10.4 μg/m^3
24-Hour PM_{10} Standard – Operation (South Coast AQMD)[1]	2.5 μg/m^3
24-Hour $PM_{2.5}$ Standard – Operation (South Coast AQMD)[1]	2.5 μg/m^3

Source: South Coast AQMD 2019.
ppm – parts per million; μg/m^3 – micrograms per cubic meter
1 Threshold is based on South Coast AQMD Rule 403. Since the SoCAB is in nonattainment for PM_{10} and $PM_{2.5}$, the threshold is established as an allowable change in concentration. Therefore, background concentration is irrelevant.

To assist lead agencies, South Coast AQMD developed screening-level LSTs to back-calculate the mass amount (lbs. per day) of emissions generated onsite that would trigger the levels shown in Table 5 for projects under 5-acres. These "screening-level" LSTs tables are the localized significance thresholds for all projects of five acres and less; however, it can be used as screening criteria for larger projects to determine whether or not dispersion modeling may be required to compare concentrations of air pollutants generated by the project to the localized concentrations shown in Table 5.

In accordance with South Coast AQMD's LST methodology, the screening-level construction LSTs are based on the acreage disturbed per day based on equipment use. The screening-level construction LSTs for the project site in SRA 11 are shown in Table 6, *South Coast AQMD Screening-Level Construction Localized Significance Thresholds,* for sensitive receptors within 82 feet (25 meters).

Table 6 South Coast AQMD Screening-Level Construction Localized Significance Thresholds

	Threshold (lbs/day)[1]			
Acreage Disturbed	Nitrogen Oxides (NO_X)	Carbon Monoxide (CO)	Coarse Particulates (PM_{10})	Fine Particulates ($PM_{2.5}$)
≤1.00 Acre Disturbed Per Day	81	485	9.75	3.72
1.31 Acres Disturbed Per Day	92	557	11.50	4.26
2.50 Acres Disturbed Per Day	126	805	18.07	5.94
3.50 Acres Disturbed Per Day	149	984	23.52	6.94

Source: South Coast AQMD 2008a and 2011.
1 LSTs are based on receptors within 82 feet (25 meters) in SRA 11.

Because the project is not an industrial project that has the potential to emit substantial sources of stationary emissions, operational LSTs are not an air quality impact of concern associated with the project.

Health Risk

Whenever a project would require use of chemical compounds that have been identified in South Coast AQMD Rule 1401, placed on CARB's air toxics list pursuant to AB 1807, or placed on the EPA's National Emissions

Standards for Hazardous Air Pollutants, a health risk assessment is required by the South Coast AQMD. Table 7, *Toxic Air Contaminants Incremental Risk Thresholds*, lists the TAC incremental risk thresholds for operation of a project. The purpose of this environmental evaluation is to identify the significant effects of the proposed project on the environment, not the significant effects of the environment on the proposed project. (*California Building Industry Association v. Bay Area Air Quality Management District (2015) 62 Cal.4th 369 (Case No. S213478)*). CEQA does not require CEQA-level environmental document to analyze the environmental effects of attracting development and people to an area. However, the environmental document must analyze the impacts of environmental hazards on future users, when a proposed project exacerbates an existing environmental hazard or condition. Residential, commercial, and office uses do not use substantial quantities of TACs and typically do not exacerbate existing hazards, so these thresholds are typically applied to new industrial projects.

Table 7 South Coast AQMD Toxic Air Contaminants Incremental Risk Thresholds

Maximum Incremental Cancer Risk	≥ 10 in 1 million
Hazard Index (project increment)	≥ 1.0
Cancer Burden in areas ≥ 1 in 1 million	> 0.5 excess cancer cases

Source: South Coast AQMD 2019.

GREENHOUSE GAS EMISSIONS

Scientists have concluded that human activities are contributing to global climate change by adding large amounts of heat-trapping gases, known as GHG, to the atmosphere. Climate change is the variation of Earth's climate over time, whether due to natural variability or as a result of human activities. The primary source of these GHG is fossil fuel use. The Intergovernmental Panel on Climate Change (IPCC) has identified four major GHG—water vapor,[8] carbon (CO_2), methane (CH_4), and ozone (O_3)—that are the likely cause of an increase in global average temperatures observed within the 20th and 21st centuries. Other GHG identified by the IPCC that contribute to global warming to a lesser extent include nitrous oxide (N_2O), sulfur hexafluoride (SF_6), hydrofluorocarbons, perfluorocarbons, and chlorofluorocarbons (IPCC 2001).[9] The major GHG are briefly described below.

- **Carbon dioxide (CO_2)** enters the atmosphere through the burning of fossil fuels (oil, natural gas, and coal), solid waste, trees and wood products, and respiration, and also as a result of other chemical reactions

[8] Water vapor (H_2O) is the strongest GHG and the most variable in its phases (vapor, cloud droplets, ice crystals). However, water vapor is not considered a pollutant, but part of the feedback loop rather than a primary cause of change.

[9] Black carbon contributes to climate change both directly, by absorbing sunlight, and indirectly, by depositing on snow (making it melt faster) and by interacting with clouds and affecting cloud formation. Black carbon is the most strongly light-absorbing component of particulate matter (PM) emitted from burning fuels such as coal, diesel, and biomass. Reducing black carbon emissions globally can have immediate economic, climate, and public health benefits. California has been an international leader in reducing emissions of black carbon, with close to 95 percent control expected by 2020 due to existing programs that target reducing PM from diesel engines and burning activities (CARB 2017a). However, state and national GHG inventories do not yet include black carbon due to ongoing work resolving the precise global warming potential of black carbon. Guidance for CEQA documents does not yet include black carbon.

(e.g. manufacture of cement). Carbon dioxide is removed from the atmosphere (sequestered) when it is absorbed by plants as part of the biological carbon cycle.

- **Methane (CH_4)** is emitted during the production and transport of coal, natural gas, and oil. Methane emissions also result from livestock and other agricultural practices and from the decay of organic waste in municipal landfills and water treatment facilities.
- **Nitrous oxide (N_2O)** is emitted during agricultural and industrial activities as well as during combustion of fossil fuels and solid waste.
- **Fluorinated gases** are synthetic, strong GHGs that are emitted from a variety of industrial processes. Fluorinated gases are sometimes used as substitutes for ozone-depleting substances. These gases are typically emitted in smaller quantities, but because they are potent GHGs, they are sometimes referred to as high global-warming-potential (GWP) gases.
  - ***Chlorofluorocarbons (CFCs***) are GHGs covered under the 1987 Montreal Protocol and used for refrigeration, air conditioning, packaging, insulation, solvents, or aerosol propellants. Since they are not destroyed in the lower atmosphere (troposphere, stratosphere), CFCs drift into the upper atmosphere where, given suitable conditions, they break down ozone. These gases are also ozone-depleting gases and are therefore being replaced by other compounds that are GHGs covered under the Kyoto Protocol.
  - ***Perfluorocarbons (PFCs)*** are a group of human-made chemicals composed of carbon and fluorine only. These chemicals (predominantly perfluoromethane [CF_4] and perfluoroethane [C_2F_6]) were introduced as alternatives, along with HFCs, to the ozone-depleting substances. In addition, PFCs are emitted as by-products of industrial processes and are used in manufacturing. PFCs do not harm the stratospheric ozone layer, but they have a high global warming potential.
  - ***Sulfur Hexafluoride (SF_6)*** is a colorless gas soluble in alcohol and ether, slightly soluble in water. SF_6 is a strong GHG used primarily in electrical transmission and distribution systems as an insulator.
  - ***Hydrochlorofluorocarbons (HCFCs)*** contain hydrogen, fluorine, chlorine, and carbon atoms. Although ozone-depleting substances, they are less potent at destroying stratospheric ozone than CFCs. They have been introduced as temporary replacements for CFCs and are also GHGs.
  - ***Hydrofluorocarbons (HFCs)*** contain only hydrogen, fluorine, and carbon atoms. They were introduced as alternatives to ozone-depleting substances to serve many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are also used in manufacturing. They do not significantly deplete the stratospheric ozone layer, but they are strong GHGs (IPCC 2001; USEPA 2020).

GHGs are dependent on the lifetime or persistence of the gas molecule in the atmosphere. Some GHGs have stronger greenhouse effects than others. These are referred to as high GWP gases. The GWP of GHG emissions are shown in Table 8. The GWP is used to convert GHGs to CO_2-equivalence (CO_2e) to show the

relative potential that different GHGs have to retain infrared radiation in the atmosphere and contribute to the greenhouse effect. For example, under IPCC's Fourth Assessment Report (AR4) GWP values for CH_4, a project that generates 10 metric tons (MT) of CH_4 would be equivalent to 250 MT of CO_2 (IPCC 2007).

Table 8 GHG Emissions and Their Relative Global Warming Potential Compared to CO_2

GHGs	Second Assessment Report Atmospheric Lifetime (Years)	Fourth Assessment Report Atmospheric Lifetime (Years)	Second Assessment Report Global Warming Potential Relative to CO_2[1]	Fourth Assessment Report Global Warming Potential Relative to CO_2[1]
Carbon Dioxide (CO_2)	50 to 200	50 to 200	1	1
Methane[2] (CH_4)	12 (±3)	12	21	25
Nitrous Oxide (N_2O)	120	114	310	298
Hydrofluorocarbons:				
HFC-23	264	270	11,700	14,800
HFC-32	5.6	4.9	650	675
HFC-125	32.6	29	2,800	3,500
HFC-134a	14.6	14	1,300	1,430
HFC-143a	48.3	52	3,800	4,470
HFC-152a	1.5	1.4	140	124
HFC-227ea	36.5	34.2	2,900	3,220
HFC-236fa	209	240	6,300	9,810
HFC-4310mee	17.1	15.9	1,300	1,030
Perfluoromethane: CF_4	50,000	50,000	6,500	7,390
Perfluoroethane: C_2F_6	10,000	10,000	9,200	12,200
Perfluorobutane: C_4F_{10}	2,600	NA	7,000	8,860
Perfluoro-2-methylpentane: C_6F_{14}	3,200	NA	7,400	9,300
Sulfur Hexafluoride (SF_6)	3,200	NA	23,900	22,800

Source: IPCC 1995, 2007, 2013.
Notes:
1 The methane GWP includes direct effects and indirect effects due to the production of tropospheric ozone and stratospheric water vapor. The indirect effect due to the production of CO_2 is not included.
2 Based on 100-year time horizon of the GWP of the air pollutant compared to CO_2.
3 The GWP values in the IPCC's Fifth Assessment Report (2013) reflect new information on atmospheric lifetimes of GHGs and an improved calculation of the radiative forcing of CO_2. However, South Coast AQMD uses the AR4 GWP values to maintain consistency in statewide GHG emissions modeling. In addition, the 2017 Scoping Plan Update was based on the AR4 GWP values.

California's Greenhouse Gas Sources and Relative Contribution

In 2020, the statewide GHG emissions inventory was updated for 2000 to 2018 emissions using the GWPs in IPCC's AR4.[10] Based on these GWPs, California produced 425.3 $MMTCO_2e$ GHG emissions in 2018. California's transportation sector was the single largest generator of GHG emissions, producing 39.9 percent of the state's total emissions. Industrial sector emissions made up 21.0 percent, and electric power generation made up 14.8 percent of the state's emissions inventory. Other major sectors of GHG emissions include

10 Methodology for determining the statewide GHG inventory is not the same as the methodology used to determine statewide GHG emissions under Assembly Bill 32 (2006).

commercial and residential (9.7 percent), agriculture and forestry (7.7 percent) high GWP (4.8 percent), and recycling and waste (2.1 percent) (CARB 2020a).

Since the peak level in 2004, California statewide GHG emissions dropped below the 2020 GHG limit of 431 $MMCO_2e$ in 2016 and have remained below the 2020 GHG limit since then. In 2018, emissions from routine GHG emitting activities statewide were 6 $MMTCO_2e$ lower than the 2020 GHG limit. Per capita GHG emissions in California have dropped from a 2001 peak of 14.0 $MTCO_2e$ per person to 10.7 $MTCO_2e$ per person in 2018, a 24 percent decrease. Transportation emissions decreased in 2018 compared to the previous year, which is the first year over year decrease since 2013. Since 2008, California's electricity sector has followed an overall downward trend in emissions. In 2018, solar power generation has continued its rapid growth since 2013. Emissions from high-GWP gases increased 2.3 percent in 2018 (2000-2018 average year-over-year increase is 6.8 percent), continuing the increasing trend as they replace Ozone Depleting Substances (ODS) being phased out under the 1987 Montreal Protocol. Overall trends in the inventory also demonstrate that the carbon intensity of California's economy (the amount of carbon pollution per million dollars of gross domestic product (GDP)) is declining, representing a 43 percent decline since the 2001 peak, while the state's GDP has grown 59 percent during this period (CARB 2020a).

Regulatory Settings

REGULATION OF GHG EMISSIONS ON A NATIONAL LEVEL

The US Environmental Protection Agency (EPA) announced on December 7, 2009, that GHG emissions threaten the public health and welfare of the American people and that GHG emissions from on-road vehicles contribute to that threat. The EPA's final findings respond to the 2007 U.S. Supreme Court decision that GHG emissions fit within the Clean Air Act definition of air pollutants. The findings do not in and of themselves impose any emission reduction requirements but allow the EPA to finalize the GHG standards proposed in 2009 for new light-duty vehicles as part of the joint rulemaking with the Department of Transportation (USEPA 2009).

To regulate GHGs from passenger vehicles, EPA was required to issue an endangerment finding. The finding identifies emissions of six key GHGs—CO_2, CH_4, N_2O, hydrofluorocarbons, perfluorocarbons, and SF_6—that have been the subject of scrutiny and intense analysis for decades by scientists in the United States and around the world. The first three are applicable to the project's GHG emissions inventory because they constitute the majority of GHG emissions and, per South Coast AQMD guidance, are the GHG emissions that should be evaluated as part of a project's GHG emissions inventory.

US Mandatory Report Rule for GHGs (2009)

In response to the endangerment finding, the EPA issued the Mandatory Reporting of GHG Rule that requires substantial emitters of GHG emissions (large stationary sources, etc.) to report GHG emissions data. Facilities that emit 25,000 MT or more of CO_2 per year are required to submit an annual report.

Update to Corporate Average Fuel Economy Standards (2017 to 2026)

The federal government issued new Corporate Average Fuel Economy (CAFE) standards in 2012 for model years 2017 to 2025, which required a fleet average of 54.5 miles per gallon in 2025. On March 30, 2020, the EPA finalized an updated CAFE and GHG emissions standards for passenger cars and light trucks and established new standards covering model years 2021 through 2026, known as the Safer Affordable Fuel Efficient (SAFE) Vehicles Final Rule for Model Years 2021 to 2026. However, in May 2020, California and 22 other states; the District of Columbia; the cities of Los Angeles, Denver, and New York; and the counties of San Francisco and Denver filed a lawsuit with the U.S. Court of Appeals for the District of Columbia Circuit, challenging the SAFE Rule. To date, a ruling has not been made on the lawsuit. In addition, a consortium of automakers and California have agreed on a voluntary framework to reduce emissions that can serve as an alternative path forward for clean vehicle standards nationwide. Automakers who agreed to the framework are Ford, Honda, BMW of North America, and Volkswagen Group of America. The framework supports continued annual reductions of vehicle GHG emissions through the 2026 model year, encourages innovation to accelerate the transition to electric vehicles, and gives industry the certainty needed to make investments and create jobs. This commitment means that the auto companies which are party to the voluntary agreement will only sell cars in the United States that meet these standards (CARB 2020b).

EPA Regulation of Stationary Sources under the Clean Air Act (Ongoing)

Pursuant to its authority under the Clean Air Act, the EPA has been developing regulations for new, large, stationary sources of emissions, such as power plants and refineries. Under former President Obama's 2013 Climate Action Plan, the EPA was directed to develop regulations for existing stationary sources as well. On June 19, 2019, the EPA issued the final Affordable Clean Energy (ACE) rule which became effective on August 19, 2019. The ACE rule was crafted under the direction of President Trump's Energy Independence Executive Order. It officially rescinds the Clean Power Plan rule issued during the Obama Administration and sets emissions guidelines for states in developing plans to limit CO_2 emissions from coal-fired power plants.

REGULATION OF GHG EMISSIONS ON A STATE LEVEL

Current State of California guidance and goals for reductions in GHG emissions are generally embodied in Executive Order S-3-05, Executive Order B-30-15, Assembly Bill 32 (AB 32), Senate Bill 32 (SB 32) and Senate Bill 375 (SB 375).

Executive Order S-3-05

Executive Order S-3-05, signed June 1, 2005. Executive Order S-3-05 set the following GHG reduction targets for the State:

- 2000 levels by 2010
- 1990 levels by 2020
- 80 percent below 1990 levels by 2050

Assembly Bill 32, the Global Warming Solutions Act (2006)

Current State of California guidance and goals for reductions in GHG emissions are generally embodied in AB 32. AB 32 was passed by the California state legislature on August 31, 2006, to place the state on a course toward reducing its contribution of GHG emissions. AB 32 follows the 2020 tier of emissions reduction targets established in Executive Order S-03-05.

CARB 2008 Scoping Plan

The final Scoping Plan was adopted by CARB on December 11, 2008. The *2008 Scoping Plan* identified that GHG emissions in California are anticipated to be approximately 596 $MMTCO_2e$ in 2020. In December 2007, CARB approved a 2020 emissions limit of 427 $MMTCO_2e$ (471 million tons) for the state (CARB 2008). In order to effectively implement the emissions cap, AB 32 directed CARB to establish a mandatory reporting system to track and monitor GHG emissions levels for large stationary sources that generate more than 25,000 $MTCO_2e$ per year, prepare a plan demonstrating how the 2020 deadline can be met, and develop appropriate regulations and programs to implement the plan by 2012.

First Update to the Scoping Plan

CARB completed a five-year update to the 2008 Scoping Plan, as required by AB 32. The First Update to the Scoping Plan was adopted at the May 22, 2014, board hearing. The update highlights California's progress toward meeting the near-term 2020 GHG emission reduction goals defined in the original 2008 Scoping Plan. As part of the update, CARB recalculated the 1990 GHG emission levels with the updated AR4 GWPs, and the 427 $MMTCO_2e$ 1990 emissions level and 2020 GHG emissions limit, established in response to AB 32, is slightly higher at 431 $MMTCO_2e$ (CARB 2014).

As identified in the Update to the Scoping Plan, California is on track to meeting the goals of AB 32. However, the update also addresses the state's longer-term GHG goals within a post-2020 element. The post-2020 element provides a high-level view of a long-term strategy for meeting the 2050 GHG goals, including a recommendation for the state to adopt a midterm target. According to the Update to the Scoping Plan, local government reduction targets should chart a reduction trajectory that is consistent with or exceeds the trajectory created by statewide goals (CARB 2014). CARB identified that reducing emissions to 80 percent below 1990 levels will require a fundamental shift to efficient, clean energy in every sector of the economy. Progressing toward California's 2050 climate targets will require significant acceleration of GHG reduction rates. Emissions from 2020 to 2050 will have to decline several times faster than the rate needed to reach the 2020 emissions limit (CARB 2014).

Executive Order B-30-15

Executive Order B-30-15, signed April 29, 2015, sets a goal of reducing GHG emissions in the state to 40 percent of 1990 levels by year 2030. Executive Order B-30-15 also directs CARB to update the Scoping Plan to quantify the 2030 GHG reduction goal for the state and requires state agencies to implement measures to meet the interim 2030 goal as well as the long-term goal for 2050 in Executive Order S-03-05. It also requires the Natural Resources Agency to conduct triennial updates of the California adaption strategy, Safeguarding California, in order to ensure climate change is accounted for in state planning and investment decisions.

Senate Bill 32 and Assembly Bill 197

In September 2016, Governor Brown signed SB 32 and AB 197 into law, making the Executive Order goal for year 2030 into a statewide mandated legislative target. AB 197 established a joint legislative committee on climate change policies and requires the CARB to prioritize direction emissions reductions rather than the market-based cap-and-trade program for large stationary, mobile, and other sources.

2017 Climate Change Scoping Plan Update

Executive Order B-30-15 and SB 32 required CARB to prepare another update to the Scoping Plan to address the 2030 target for the state. On December 24, 2017, CARB adopted the 2017 Climate Change Scoping Plan Update, which outlines potential regulations and programs, including strategies consistent with AB 197 requirements, to achieve the 2030 target. The 2017 Scoping Plan establishes a new emissions limit of 260 $MMTCO_2e$ for the year 2030, which corresponds to a 40 percent decrease in 1990 levels by 2030 (CARB 2017c).

California's climate strategy will require contributions from all sectors of the economy, including enhanced focus on zero- and near-zero emission (ZE/NZE) vehicle technologies; continued investment in renewables, such as solar roofs, wind, and other types of distributed generation; greater use of low carbon fuels; integrated land conservation and development strategies; coordinated efforts to reduce emissions of short-lived climate pollutants (methane, black carbon, and fluorinated gases); and an increased focus on integrated land use planning, to support livable, transit-connected communities and conservation of agricultural and other lands. Requirements for GHG reductions at stationary sources complement local air pollution control efforts by the local air districts to tighten criteria air pollutants and TACs emissions limits on a broad spectrum of industrial sources. Major elements of the 2017 Scoping Plan framework include:

- Implementing and/or increasing the standards of the Mobile Source Strategy, which include increasing ZEV buses and trucks;
- Low Carbon Fuel Standard (LCFS), with an increased stringency (18 percent by 2030).
- Implementation of SB 350, which expands the Renewables Portfolio Standard (RPS) to 50 percent RPS and doubles energy efficiency savings by 2030.
- California Sustainable Freight Action Plan, which improves freight system efficiency, utilizes near-zero emissions technology, and deployment of ZEV trucks.
- Implementing the Short-Lived Climate Pollutant Strategy (SLPS), which focuses on reducing methane and hydrofluorocarbon emissions by 40 percent and anthropogenic black carbon emissions by 50 percent by year 2030.
- Post-2020 Cap-and-Trade Program that includes declining caps.
- Continued implementation of SB 375.

- Development of a Natural and Working Lands Action Plan to secure California's land base as a net carbon sink.

In addition to the statewide strategies listed above, the 2017 Climate Change Scoping Plan also identified local governments as essential partners in achieving the State's long-term GHG reduction goals and identified local actions to reduce GHG emissions. As part of the recommended actions, CARB recommends statewide targets of no more than 6 $MTCO_2e$ or less per capita by 2030 and 2 $MTCO_2e$ or less per capita by 2050. CARB recommends that local governments evaluate and adopt robust and quantitative locally-appropriate goals that align with the statewide per capita targets and the State's sustainable development objectives and develop plans to achieve the local goals. The statewide per capita goals were developed by applying the percent reductions necessary to reach the 2030 and 2050 climate goals (i.e., 40 percent and 80 percent, respectively) to the State's 1990 emissions limit established under AB 32. For CEQA projects, CARB states that lead agencies have discretion to develop evidenced-based numeric thresholds (mass emissions, per capita, or per service population)—consistent with the Scoping Plan and the state's long-term GHG goals. To the degree a project relies on GHG mitigation measures, CARB recommends that lead agencies prioritize on-site design features that reduce emissions, especially from VMT, and direct investments in GHG reductions within the project's region that contribute potential air quality, health, and economic co-benefits. Where further project design or regional investments are infeasible or not proven to be effective, CARB recommends mitigating potential GHG impacts through purchasing and retiring carbon credits.

The Scoping Plan scenario is set against what is called the business-as-usual (BAU) yardstick—that is, what would the GHG emissions look like if the State did nothing at all beyond the existing policies that are required and already in place to achieve the 2020 limit, as shown in Table 9. It includes the existing renewables requirements, advanced clean cars, the "10 percent" Low Carbon Fuel Standard (LCFS), and the SB 375 program for more vibrant communities, among others. However, it does not include a range of new policies or measures that have been developed or put into statute over the past two years. Also shown in the table, the known commitments are expected to result in emissions that are 60 $MMTCO_2e$ above the target in 2030. If the estimated GHG reductions from the known commitments are not realized due to delays in implementation or technology deployment, the post-2020 Cap-and-Trade Program would deliver the additional GHG reductions in the sectors it covers to ensure the 2030 target is achieved.

Table 9 2017 Climate Change Scoping Plan Emissions Reductions Gap

Modeling Scenario	2030 GHG Emissions $MMTCO_2e$
Reference Scenario (Business-as-Usual)	389
With Known Commitments	320
2030 GHG Target	**260**
Gap to 2030 Target	**60**
Source: CARB 2017c.	

Table 10 provides estimated GHG emissions by sector, compared to 1990 levels, and the range of GHG emissions for each sector estimated for 2030.

Table 10 2017 Climate Change Scoping Plan Emissions Change by Sector

Scoping Plan Sector	1990 $MMTCO_2e$	2030 Proposed Plan Ranges $MMTCO_2e$	% Change from 1990
Agricultural	26	24-25	-8% to -4%
Residential and Commercial	44	38-40	-14% to -9%
Electric Power	108	30-53	-72% to -51%
High GWP	3	8-11	267% to 367%
Industrial	98	83-90	-15% to -8%
Recycling and Waste	7	8-9	14% to 29%
Transportation (including TCU)	152	103-111	-32% to -27%
Net Sink[1]	-7	TBD	TBD
Sub Total	431	294-339	-32% to -21%
Cap-and-Trade Program	NA	24-79	NA
Total	**431**	**260**	**-40%**

Source: CARB 2017c.
Notes: TCU = Transportation, Communications, and Utilities; TBD: To Be Determined.
[1] Work is underway through 2017 to estimate the range of potential sequestration benefits from the natural and working lands sector.

Senate Bill 1383

On September 19, 2016, the Governor signed SB 1383 to supplement the GHG reduction strategies in the Scoping Plan to consider short-lived climate pollutants, including black carbon and CH_4. Black carbon is the light-absorbing component of fine particulate matter produced during incomplete combustion of fuels. SB 1383 requires the state board, no later than January 1, 2018, to approve and begin implementing that comprehensive strategy to reduce emissions of short-lived climate pollutants to achieve a reduction in methane by 40 percent, hydrofluorocarbon gases by 40 percent, and anthropogenic black carbon by 50 percent below 2013 levels by 2030, as specified. The bill also establishes targets for reducing organic waste in landfill. On March 14, 2017, CARB adopted the "Final Proposed Short-Lived Climate Pollutant Reduction Strategy," which identifies the state's approach to reducing anthropogenic and biogenic sources of short-lived climate pollutants. Anthropogenic sources of black carbon include on- and off-road transportation, residential wood burning, fuel combustion (charbroiling), and industrial processes. According to CARB, ambient levels of black carbon in California are 90 percent lower than in the early 1960s despite the tripling of diesel fuel use (CARB 2017b). In-use on-road rules are expected to reduce black carbon emissions from on-road sources by 80 percent between 2000 and 2020. South Coast AQMD is one of the air districts that requires air pollution control technologies for chain-driven broilers, which reduces particulate emissions from these charbroilers by over 80 percent (CARB 2017b). Additionally, South Coast AQMD Rule 445 limits installation of new fireplaces in the SoCAB.

Senate Bill 375

In 2008, SB 375, the Sustainable Communities and Climate Protection Act, was adopted to connect the GHG emissions reductions targets established in the 2008 Scoping Plan for the transportation sector to local land use decisions that affect travel behavior. Its intent is to reduce GHG emissions from light-duty trucks and automobiles (excludes emissions associated with goods movement) by aligning regional long-range transportation plans, investments, and housing allocations to local land use planning to reduce VMT and vehicle

trips. Specifically, SB 375 required CARB to establish GHG emissions reduction targets for each of the 18 metropolitan planning organizations (MPOs). The Southern California Association of Governments (SCAG) is the MPO for the Southern California region, which includes the counties of Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial.

Pursuant to the recommendations of the Regional Transportation Advisory Committee, CARB adopted per capita reduction targets for each of the MPOs rather than a total magnitude reduction target. SCAG's targets are an 8 percent per capita reduction from 2005 GHG emission levels by 2020 and a 13 percent per capita reduction from 2005 GHG emission levels by 2035 (CARB 2010). The 2020 targets are smaller than the 2035 targets because a significant portion of the built environment in 2020 has been defined by decisions that have already been made. In general, the 2020 scenarios reflect that more time is needed for large land use and transportation infrastructure changes. Most of the reductions in the interim are anticipated to come from improving the efficiency of the region's transportation network. The targets would result in 3 $MMTCO_2e$ of reductions by 2020 and 15 $MMTCO_2e$ of reductions by 2035. Based on these reductions, the passenger vehicle target in CARB's Scoping Plan (for AB 32) would be met (CARB 2010).

2017 Update to the SB 375 Targets

CARB is required to update the targets for the MPOs every eight years. In June 2017, CARB released updated targets and technical methodology and recently released another update in February 2018. The updated targets consider the need to further reduce VMT, as identified in the 2017 Scoping Plan Update, while balancing the need for additional and more flexible revenue sources to incentivize positive planning and action toward sustainable communities. Like the 2010 targets, the updated SB 375 targets are in units of percent per capita reduction in GHG emissions from automobiles and light trucks relative to 2005. This excludes reductions anticipated from implementation of state technology and fuels strategies and any potential future state strategies such as statewide road user pricing. The proposed targets call for greater per capita GHG emission reductions from SB 375 than are currently in place, which for 2035, translate into proposed targets that either match or exceed the emission reduction levels in the MPOs' currently adopted SCSs. As proposed, CARB staff's proposed targets would result in an additional reduction of over 8 $MMTCO_2e$ in 2035 compared to the current targets. For the next round of SCS updates, CARB's updated targets for the SCAG region are an 8 percent per capita GHG reduction in 2020 from 2005 levels (unchanged from the 2010 target) and a 19 percent per capita GHG reduction in 2035 from 2005 levels (compared to the 2010 target of 13 percent) (CARB 2018). CARB adopted the updated targets and methodology on March 22, 2018. All SCSs adopted after October 1, 2018 are subject to these new targets.

SCAG's Regional Transportation Plan / Sustainable Communities Strategy

SB 375 requires each MPO to prepare a sustainable communities strategy in its regional transportation plan. For the SCAG region, the 2016-2040 Regional Transportation Plan / Sustainable Communities Strategy (RTP/SCS) was adopted on April 7, 2016, and is an update to the 2012 RTP/SCS (SCAG 2016). SCAG released the draft 2020-2045 RTP/SCS (Connect SoCal) and adopted the plan for the limited purpose of transportation conformity on May 7, 2020 (SCAG 2020). In general, the SCS outlines a development pattern for the region that, when integrated with the transportation network and other transportation measures and policies, would

reduce vehicle miles traveled from automobiles and light duty trucks and thereby reduce GHG emissions from these sources.

Connect SoCal focuses on the continued efforts of the previous RTP/SCSs to integrate transportation and land use strategies in development of the SCAG region through horizon year 2045 (SCAG 2020). Connect SoCal forecasts that the SCAG region will meet its GHG per capita reduction targets of 8 percent by 2020 and 19 percent by 2035. Additionally, Connect SoCal also forecasts that implementation of the plan will reduce VMT per capita in year 2045 by 4.1 percent compared to baseline conditions for that year. Connect SoCal includes a "Core Vision" that centers on maintaining and better managing the transportation network for moving people and goods while expanding mobility choices by locating housing, jobs, and transit closer together and increasing investments in transit and complete streets.

Assembly Bill 1493

California vehicle GHG emission standards were enacted under AB 1493 (Pavley I). Pavley I is a clean-car standard that reduces GHG emissions from new passenger vehicles (light-duty auto to medium-duty vehicles) from 2009 through 2016 and was anticipated to reduce GHG emissions from new passenger vehicles by 30 percent in 2016. California implements the Pavley I standards through a waiver granted to California by the EPA. In 2012, the EPA issued a Final Rulemaking that sets even more stringent fuel economy and GHG emissions standards for model year 2017 through 2025 light-duty vehicles (see also the discussion on the update to the Corporate Average Fuel Economy standards under *Federal Laws*, above). In January 2012, CARB approved the Advanced Clean Cars program (formerly known as Pavley II) for model years 2017 through 2025. The program combines the control of smog, soot, and global warming gases and requirements for greater numbers of zero-emission vehicles into a single package of standards. Under California's Advanced Clean Car program, by 2025, new automobiles will emit 34 percent fewer global warming gases and 75 percent fewer smog-forming emissions.

Executive Order S-01-07

On January 18, 2007, the state set a new LCFS for transportation fuels sold in the state. Executive Order S-01-07 sets a declining standard for GHG emissions measured in carbon dioxide equivalent gram per unit of fuel energy sold in California. The LCFS requires a reduction of 2.5 percent in the carbon intensity of California's transportation fuels by 2015 and a reduction of at least 10 percent by 2020. The standard applies to refiners, blenders, producers, and importers of transportation fuels, and would use market-based mechanisms to allow these providers to choose how they reduce emissions during the "fuel cycle" using the most economically feasible methods.

Senate Bills 1078, 107, X1-2, and Executive Order S-14-08

A major component of California's Renewable Energy Program is the RPS established under Senate Bills 1078 (Sher) and 107 (Simitian). Under the RPS, certain retail sellers of electricity were required to increase the amount of renewable energy each year by at least 1 percent in order to reach at least 20 percent by December 30, 2010. Executive Order S-14-08 was signed in November 2008, which expanded the state's Renewable Energy Standard to 33 percent renewable power by 2020. This standard was adopted by the legislature in 2011 (SB X1-2). Renewable sources of electricity include wind, small hydropower, solar, geothermal, biomass, and biogas.

The increase in renewable sources for electricity production will decrease indirect GHG emissions from development projects, because electricity production from renewable sources is generally considered carbon neutral.

Senate Bill 350

Senate Bill 350 (de Leon), was signed into law in September 2015. SB 350 establishes tiered increases to the RPS of 40 percent by 2024, 45 percent by 2027, and 50 percent by 2030. SB 350 also set a new goal to double the energy efficiency savings in electricity and natural gas through energy efficiency and conservation measures.

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100, which raises California's RPS requirements to 60 percent by 2030, with interim targets, and 100 percent by 2045. The bill also establishes a state policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of all retail sales of electricity to California end-use customers and 100 percent of electricity procured to serve all state agencies by December 31, 2045. Under the bill, the state cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Executive Order B-55-18

Executive Order B-55-18, signed September 10, 2018, sets a goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." Executive Order B-55-18 directs CARB to work with relevant state agencies to ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal. The goal of carbon neutrality by 2045 is in addition to other statewide goals, meaning not only should emissions be reduced to 80 percent below 1990 levels by 2050, but that, by no later than 2045, the remaining emissions be offset by equivalent net removals of CO_2e from the atmosphere, including through sequestration in forests, soils, and other natural landscapes.

Executive Order B-16-2012

On March 23, 2012, the state identified that CARB, the California Energy Commission (CEC), the Public Utilities Commission, and other relevant agencies worked with the Plug-in Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to accommodate zero-emissions vehicles in major metropolitan areas, including infrastructure to support them (e.g., electric vehicle charging stations). The executive order also directs the number of zero-emission vehicles in California's state vehicle fleet to increase through the normal course of fleet replacement so that at least 10 percent of fleet purchases of light-duty vehicles are zero-emission by 2015 and at least 25 percent by 2020. The executive order also establishes a target for the transportation sector of reducing GHG emissions from the transportation sector 80 percent below 1990 levels.

Executive Order N-79-20

On September 23, 2020 Governor Newsom signed Executive Order N-79-20 which identifies a goal that 100 percent of in-state sales of new passenger cars and trucks will be zero-emission by 2035. Additionally, this Executive Order identified fleet goals for trucks of 100 percent of drayage trucks be zero emissions by 2035

and 100 percent of medium- and heavy-duty vehicles in the State be zero-emission by 2045, for all operations where feasible. Additionally, the Executive Order identifies a goal for the State to transition to 100 percent zero-emission off-road vehicles and equipment by 2035 where feasible.

California Building Code: Building Energy Efficiency Standards

Energy conservation standards for new residential and non-residential buildings were adopted by the California Energy Resources Conservation and Development Commission (now the CEC) in June 1977 and most recently revised in 2019 (Title 24, Part 6, of the California Code of Regulations [CCR]). Title 24 requires the design of building shells and building components to conserve energy. The standards are updated periodically to allow for consideration and possible incorporation of new energy efficiency technologies and methods. The 2019 Building Energy Efficiency Standards, which were adopted on May 9, 2018, went into effect on January 1, 2020.

The 2019 standards move towards cutting energy use in new homes by more than 50 percent and will require installation of solar photovoltaic systems for single-family homes and multi-family buildings of 3 stories and less. Four key areas the 2019 standards will focus on include 1) smart residential photovoltaic systems; 2) updated thermal envelope standards (preventing heat transfer from the interior to exterior and vice versa); 3) residential and nonresidential ventilation requirements; 4) and nonresidential lighting requirements (CEC 2018a). Under the 2019 standards, nonresidential buildings and multifamily residential buildings of four stories or more will be 30 percent more energy efficient compared to the 2016 standards while single-family homes will be 7 percent more energy efficient (CEC 2018b). When accounting for the electricity generated by the solar photovoltaic system, single-family homes would use 53 percent less energy compared to homes built to the 2016 standards (CEC 2018b).

California Building Code: CALGreen

On July 17, 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (24 CCR, Part 11, known as "CALGreen") was adopted as part of the California Building Standards Code. CALGreen established planning and design standards for sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and internal air contaminants.[11] The mandatory provisions of CALGreen became effective January 1, 2011. The CEC adopted the voluntary standards of the 2019 CALGreen on October 3, 2018. The 2019 CALGreen standards become effective January 1, 2020.

2006 Appliance Efficiency Regulations

The 2006 Appliance Efficiency Regulations (20 CCR §§ 1601–1608) were adopted by the CEC on October 11, 2006, and approved by the California Office of Administrative Law on December 14, 2006. The regulations include standards for both federally regulated appliances and non–federally regulated appliances. Though these regulations are now often viewed as "business as usual," they exceed the standards imposed by all other states, and they reduce GHG emissions by reducing energy demand.

[11] The green building standards became mandatory in the 2010 edition of the code.

Solid Waste Regulations

California's Integrated Waste Management Act of 1989 (AB 939; Public Resources Code §§ 40050 et seq.) set a requirement for cities and counties throughout the state to divert 50 percent of all solid waste from landfills by January 1, 2000, through source reduction, recycling, and composting. In 2008, the requirements were modified to reflect a per capita requirement rather than tonnage. To help achieve this, the act requires that each city and county prepare and submit a source reduction and recycling element. AB 939 also established the goal for all California counties to provide at least 15 years of ongoing landfill capacity.

AB 341 (Chapter 476, Statutes of 2011) increased the statewide goal for waste diversion to 75 percent by 2020 and requires recycling of waste from commercial and multifamily residential land uses. Section 5.408 of the CALGreen also requires that at least 65 percent of the nonhazardous construction and demolition waste from nonresidential construction operations be recycled and/or salvaged for reuse.

The California Solid Waste Reuse and Recycling Access Act (AB 1327; Public Resources Code §§ 42900 et seq.) requires areas to be set aside for collecting and loading recyclable materials in development projects. The act required the California Integrated Waste Management Board to develop a model ordinance for adoption by any local agency requiring adequate areas for collection and loading of recyclable materials as part of development projects. Local agencies are required to adopt the model or an ordinance of their own.

Section 5.408 of the 2019 CALGreen also requires that at least 65 percent of the nonhazardous construction and demolition waste from nonresidential construction operations be recycled and/or salvaged for reuse.

In October of 2014, Governor Brown signed AB 1826, requiring businesses to recycle their organic waste on and after April 1, 2016, depending on the amount of waste they generate per week. This law also requires that on and after January 1, 2016, local jurisdictions across the state implement an organic waste recycling program to divert organic waste generated by businesses, including multifamily residential dwellings that consist of five or more units. Organic waste means food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste.

Water Efficiency Regulations

The 20x2020 Water Conservation Plan was issued by the Department of Water Resources (DWR) in 2010 pursuant to Senate Bill 7, which was adopted during the 7th Extraordinary Session of 2009–2010 and therefore dubbed "SBX7-7." SBX7-7 mandated urban water conservation and authorized the DWR to prepare a plan implementing urban water conservation requirements (20x2020 Water Conservation Plan). In addition, it required agricultural water providers to prepare agricultural water management plans, measure water deliveries to customers, and implement other efficiency measures. SBX7-7 requires urban water providers to adopt a water conservation target of 20 percent reduction in urban per capita water use by 2020 compared to 2005 baseline use.

The Water Conservation in Landscaping Act of 2006 (AB 1881) requires local agencies to adopt the updated DWR model ordinance or equivalent. AB 1881 also requires the CEC to consult with the DWR to adopt, by regulation, performance standards and labeling requirements for landscape irrigation equipment, including

irrigation controllers, moisture sensors, emission devices, and valves to reduce the wasteful, uneconomic, inefficient, or unnecessary consumption of energy or water.

Thresholds of Significance

The CEQA Guidelines recommend that a lead agency consider the following when assessing the significance of impacts from GHG emissions on the environment:

1. The extent to which the project may increase (or reduce) GHG emissions as compared to the existing environmental setting;
2. Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project;
3. The extent to which the project complies with regulations or requirements adopted to implement an adopted statewide, regional, or local plan for the reduction or mitigation of GHG emissions.[12]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

To provide guidance to local lead agencies on determining significance for GHG emissions in their CEQA documents, South Coast AQMD has convened a GHG CEQA Significance Threshold Working Group (Working Group). Based on the last Working Group meeting (Meeting No. 15) held in September 2010, South Coast AQMD is proposing to adopt a tiered approach for evaluating GHG emissions for development projects where South Coast AQMD is not the lead agency (South Coast AQMD 2010):

- **Tier 1.** If a project is exempt from CEQA, project-level and cumulative GHG emissions are less than significant.
- **Tier 2.** If the project complies with a GHG emissions reduction plan or mitigation program that avoids or substantially reduces GHG emissions in the project's geographic area (i.e., city or county), project-level and cumulative GHG emissions are less than significant.
- **Tier 3.** If GHG emissions are less than the screening-level threshold, project-level and cumulative GHG emissions are less than significant.

  For projects that are not exempt or where no qualifying GHG reduction plans are directly applicable, South Coast AQMD requires an assessment of GHG emissions. South Coast AQMD is proposing a screening-level threshold of 3,000 $MTCO_2e$ annually for all land use types or the following land-use-specific thresholds: 1,400 $MTCO_2e$ for commercial projects, 3,500 $MTCO_2e$ for residential projects, or 3,000 $MTCO_2e$ for mixed-use projects. These bright-line thresholds are based on a review of the Governor's

[12] The Governor's Office of Planning and Research recommendations include a requirement that such a plan must be adopted through a public review process and include specific requirements that reduce or mitigate the project's incremental contribution of GHG emissions. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable, notwithstanding compliance with the adopted regulations or requirements, an EIR must be prepared for the project.

Office of Planning and Research database of CEQA projects. Based on their review of 711 CEQA projects, 90 percent of CEQA projects would exceed the bright-line thresholds identified above. Therefore, projects that do not exceed the bright-line threshold would have a nominal, and therefore, less than cumulatively considerable impact on GHG emissions:

- **Tier 4.** If emissions exceed the screening threshold, a more detailed review of the project's GHG emissions is warranted.

  The South Coast AQMD Working Group has identified an efficiency target for projects that exceed the screening threshold of 4.8 $MTCO_2e$ per year per service population ($MTCO_2e$/year/SP) for project-level analyses and 6.6 $MTCO_2e$/year/SP for plan level projects (e.g., program-level projects such as general plans) for the year 2020.[13] The per capita efficiency targets are based on the AB 32 GHG reduction target and 2020 GHG emissions inventory prepared for CARB's 2008 Scoping Plan.

For purposes of this analysis, because the proposed project has an anticipated opening year post-2020 (year 2021), the bright-line screening-level criterion of 3,000 $MTCO_2e$/yr is used as the significance threshold for this project. Therefore, if the project operation-phase emissions exceed the 3,000 $MTCO_2e$/yr threshold, GHG emissions would be considered potentially significant in the absence of mitigation measures.

[13] It should be noted that the Working Group also considered efficiency targets for 2035 for the first time in this Working Group meeting.

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Emissions Worksheet

Regional Construction Emissions Worksheet:

Asphalt & Building Demolition

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2022 Summer**						
	Off-Road	2.23	22.17	14.08	0.03	1.07	1.00
	Total	**2.23**	**22.17**	**14.08**	**0.03**	**1.07**	**1.00**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.37	0.10	0.00	0.02	0.01
	Worker	0.06	0.04	0.56	0.00	0.16	0.04
	Total	**0.07**	**0.41**	**0.65**	**0.00**	**0.18**	**0.05**
TOTAL		***2.31***	***22.57***	***14.74***	***0.03***	***1.25***	***1.05***
Onsite	**2022 Winter**						
	Off-Road	2.23	22.17	14.08	0.03	1.07	1.00
	Total	**2.23**	**22.17**	**14.08**	**0.03**	**1.07**	**1.00**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.37	0.11	0.00	0.02	0.01
	Worker	0.07	0.04	0.51	0.00	0.16	0.04
	Total	**0.08**	**0.41**	**0.62**	**0.00**	**0.18**	**0.05**
TOTAL		***2.31***	***22.58***	***14.70***	***0.03***	***1.25***	***1.05***
Onsite	**2022**						
	Off-Road	2.23	22.17	14.08	0.03	1.07	1.00
	Total	**2.23**	**22.17**	**14.08**	**0.03**	**1.07**	**1.00**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.37	0.11	0.00	0.02	0.01
	Worker	0.07	0.04	0.56	0.00	0.16	0.04
	Total	**0.08**	**0.41**	**0.65**	**0.00**	**0.18**	**0.05**
TOTAL		***2.31***	***22.58***	***14.74***	***0.03***	***1.25***	***1.05***

Building Demolition Debris Haul

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2022** Summer						
	Fugitive Dust					0.60	0.09
	Off-Road	0.16	1.67	2.23	0.00	0.09	0.08
	Total	**0.16**	**1.67**	**2.23**	**0.00**	**0.69**	**0.17**
Offsite							
	Hauling	0.03	1.01	0.19	0.00	0.04	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.01	0.11	0.00	0.03	0.01
	Total	**0.04**	**1.02**	**0.31**	**0.00**	**0.07**	**0.02**
TOTAL		***0.20***	***2.69***	***2.53***	***0.01***	***0.76***	***0.19***
Onsite	**2022** Winter						
	Fugitive Dust					0.60	0.09
	Off-Road	0.16	1.67	2.23	0.00	0.09	0.08
	Total	**0.16**	**1.67**	**2.23**	**0.00**	**0.69**	**0.17**
Offsite							
	Hauling	0.03	1.00	0.22	0.00	0.04	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.01	0.10	0.00	0.03	0.01
	Total	**0.04**	**1.01**	**0.32**	**0.00**	**0.07**	**0.02**
TOTAL		***0.20***	***2.68***	***2.55***	***0.01***	***0.76***	***0.19***
Onsite	**2022**						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.09
	Off-Road	0.16	1.67	2.23	0.00	0.09	0.08
	Total	**0.16**	**1.67**	**2.23**	**0.00**	**0.69**	**0.17**
Offsite							
	Hauling	0.03	1.01	0.22	0.00	0.04	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.01	0.11	0.00	0.03	0.01
	Total	**0.04**	**1.02**	**0.32**	**0.00**	**0.07**	**0.02**
TOTAL		***0.20***	***2.69***	***2.55***	***0.01***	***0.76***	***0.19***

Asphalt Demolition Debris Onsite Reprocessing

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**2022** Summer						
	Off-Road		0.48	3.23	4.33	0.01	0.18	0.18
	Total		**0.48**	**3.23**	**4.33**	**0.01**	**0.18**	**0.18**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.00	0.00	0.00	0.00	0.00	0.00
	Worker		0.01	0.01	0.11	0.00	0.03	0.01
	Total		**0.01**	**0.01**	**0.11**	**0.00**	**0.03**	**0.01**
TOTAL			***0.49***	***3.23***	***4.44***	***0.01***	***0.21***	***0.19***
Onsite		**2022** Winter						
	Off-Road		0.48	3.23	4.33	0.01	0.18	0.18
	Total		**0.48**	**3.23**	**4.33**	**0.01**	**0.18**	**0.18**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.00	0.00	0.00	0.00	0.00	0.00
	Worker		0.01	0.01	0.10	0.00	0.03	0.01
	Total		**0.01**	**0.01**	**0.10**	**0.00**	**0.03**	**0.01**
TOTAL			***0.49***	***3.23***	***4.43***	***0.01***	***0.21***	***0.19***
Onsite		**2022**						
	Off-Road		0.48	3.23	4.33	0.01	0.18	0.18
	Total		**0.48**	**3.23**	**4.33**	**0.01**	**0.18**	**0.18**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.00	0.00	0.00	0.00	0.00	0.00
	Worker		0.01	0.01	0.11	0.00	0.03	0.01
	Total		**0.01**	**0.01**	**0.11**	**0.00**	**0.03**	**0.01**
TOTAL			***0.49***	***3.23***	***4.44***	***0.01***	***0.21***	***0.19***

Rough Grading 2022

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**2022** Summer						
	Fugitive Dust						3.71	1.54
	Off-Road		3.62	38.84	29.04	0.06	1.63	1.50
	Total		**3.62**	**38.84**	**29.04**	**0.06**	**5.34**	**3.04**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.01	0.37	0.10	0.00	0.02	0.01
	Worker		0.08	0.05	0.74	0.00	0.21	0.06
	Total		**0.09**	**0.42**	**0.84**	**0.00**	**0.23**	**0.06**
TOTAL			***3.72***	***39.27***	***29.88***	***0.07***	***5.58***	***3.11***
Onsite		**2022** Winter						
	Fugitive Dust						3.71	1.54
	Off-Road		3.62	38.84	29.04	0.06	1.63	1.50
	Total		**3.62**	**38.84**	**29.04**	**0.06**	**5.34**	**3.04**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.01	0.37	0.11	0.00	0.02	0.01
	Worker		0.09	0.06	0.68	0.00	0.21	0.06
	Total		**0.10**	**0.43**	**0.78**	**0.00**	**0.23**	**0.06**
TOTAL			***3.73***	***39.27***	***29.83***	***0.07***	***5.58***	***3.11***
Onsite		**2022**						
	Fugitive Dust		0.00	0.00	0.00	0.00	3.71	1.54
	Off-Road		3.62	38.84	29.04	0.06	1.63	1.50
	Total		**3.62**	**38.84**	**29.04**	**0.06**	**5.34**	**3.04**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.01	0.37	0.11	0.00	0.02	0.01
	Worker		0.09	0.06	0.74	0.00	0.21	0.06
	Total		**0.10**	**0.43**	**0.84**	**0.00**	**0.23**	**0.06**
TOTAL			***3.73***	***39.27***	***29.88***	***0.07***	***5.58***	***3.11***

Rough Grading 2023

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Fugitive Dust					3.71	1.54
	Off-Road	3.32	34.52	28.05	0.06	1.42	1.31
	Total	**3.32**	**34.52**	**28.05**	**0.06**	**5.13**	**2.85**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.28	0.09	0.00	0.02	0.01
	Worker	0.08	0.05	0.68	0.00	0.21	0.06
	Total	**0.08**	**0.33**	**0.77**	**0.00**	**0.23**	**0.06**
TOTAL		***3.41***	***34.84***	***28.82***	***0.07***	***5.36***	***2.91***
Onsite	**2023** Winter						
	Fugitive Dust					3.71	1.54
	Off-Road	3.32	34.52	28.05	0.06	1.42	1.31
	Total	**3.32**	**34.52**	**28.05**	**0.06**	**5.13**	**2.85**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.28	0.09	0.00	0.02	0.01
	Worker	0.08	0.05	0.62	0.00	0.21	0.06
	Total	**0.09**	**0.33**	**0.72**	**0.00**	**0.23**	**0.06**
TOTAL		***3.42***	***34.85***	***28.77***	***0.07***	***5.36***	***2.91***
Onsite	**2023**						
	Fugitive Dust	0.00	0.00	0.00	0.00	3.71	1.54
	Off-Road	3.32	34.52	28.05	0.06	1.42	1.31
	Total	**3.32**	**34.52**	**28.05**	**0.06**	**5.13**	**2.85**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.28	0.09	0.00	0.02	0.01
	Worker	0.08	0.05	0.68	0.00	0.21	0.06
	Total	**0.09**	**0.33**	**0.77**	**0.00**	**0.23**	**0.06**
TOTAL		***3.42***	***34.85***	***28.82***	***0.07***	***5.36***	***2.91***

Rough Grading Soil Haul

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Fugitive Dust					0.02	0.00
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**
Offsite							
	Hauling	0.13	5.95	1.31	0.02	0.25	0.07
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.13**	**5.95**	**1.31**	**0.02**	**0.25**	**0.07**
TOTAL		***0.13***	***5.95***	***1.31***	***0.02***	***0.28***	***0.08***
Onsite	**2023** Winter						
	Fugitive Dust					0.02	0.00
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**
Offsite							
	Hauling	0.13	5.86	1.47	0.01	0.25	0.07
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.13**	**5.86**	**1.47**	**0.01**	**0.25**	**0.07**
TOTAL		***0.13***	***5.86***	***1.47***	***0.01***	***0.28***	***0.08***
Onsite	**2023**						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.02	0.00
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**
Offsite							
	Hauling	0.13	5.95	1.47	0.02	0.25	0.07
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.13**	**5.95**	**1.47**	**0.02**	**0.25**	**0.07**
TOTAL		***0.13***	***5.95***	***1.47***	***0.02***	***0.28***	***0.08***

Utilities Trenching

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023 Summer**						
	Off-Road	0.19	1.94	2.56	0.00	0.10	0.10
	Total	**0.19**	**1.94**	**2.56**	**0.00**	**0.10**	**0.10**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.02	0.01	0.17	0.00	0.05	0.01
	Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.05**	**0.01**
TOTAL		***0.21***	***1.95***	***2.73***	***0.00***	***0.16***	***0.11***
Onsite	**2023 Winter**						
	Off-Road	0.19	1.94	2.56	0.00	0.10	0.10
	Total	**0.19**	**1.94**	**2.56**	**0.00**	**0.10**	**0.10**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.02	0.01	0.16	0.00	0.05	0.01
	Total	**0.02**	**0.01**	**0.16**	**0.00**	**0.05**	**0.01**
TOTAL		***0.22***	***1.95***	***2.71***	***0.00***	***0.16***	***0.11***
Onsite	**2023**						
	Off-Road	0.19	1.94	2.56	0.00	0.10	0.10
	Total	**0.19**	**1.94**	**2.56**	**0.00**	**0.10**	**0.10**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.02	0.01	0.17	0.00	0.05	0.01
	Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.05**	**0.01**
TOTAL		***0.22***	***1.95***	***2.73***	***0.00***	***0.16***	***0.11***

Paving 2023

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Off-Road	0.67	6.71	9.14	0.01	0.34	0.32
	Paving	0.18				0.00	0.00
	Total	**0.85**	**6.71**	**9.14**	**0.01**	**0.34**	**0.32**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.06	0.04	0.51	0.00	0.16	0.04
	Total	**0.06**	**0.04**	**0.51**	**0.00**	**0.16**	**0.04**
TOTAL		***0.90***	***6.74***	***9.66***	***0.02***	***0.50***	***0.36***
Onsite	**2023** Winter						
	Off-Road	0.67	6.71	9.14	0.01	0.34	0.32
	Paving	0.18				0.00	0.00
	Total	**0.85**	**6.71**	**9.14**	**0.01**	**0.34**	**0.32**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.06	0.04	0.47	0.00	0.16	0.04
	Total	**0.06**	**0.04**	**0.47**	**0.00**	**0.16**	**0.04**
TOTAL		***0.91***	***6.75***	***9.61***	***0.02***	***0.50***	***0.36***
Onsite	**2023**						
	Off-Road	0.67	6.71	9.14	0.01	0.34	0.32
	Paving	0.18	0.00	0.00	0.00	0.00	0.00
	Total	**0.85**	**6.71**	**9.14**	**0.01**	**0.34**	**0.32**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.06	0.04	0.51	0.00	0.16	0.04
	Total	**0.06**	**0.04**	**0.51**	**0.00**	**0.16**	**0.04**
TOTAL		***0.91***	***6.75***	***9.66***	***0.02***	***0.50***	***0.36***

Building Construction 2023

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**2023 Summer**					
	Off-Road	0.78	7.32	9.86	0.02	0.38	0.36
	Total	**0.78**	**7.32**	**9.86**	**0.02**	**0.38**	**0.36**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.54	0.48	0.01	0.13	0.04
	Worker	0.33	0.21	3.01	0.01	0.91	0.25
	Total	**0.38**	**1.75**	**3.49**	**0.01**	**1.05**	**0.29**
TOTAL		***1.15***	***9.08***	***13.35***	***0.03***	***1.43***	***0.65***
Onsite		**2023 Winter**					
	Off-Road	0.78	7.32	9.86	0.02	0.38	0.36
	Total	**0.78**	**7.32**	**9.86**	**0.02**	**0.38**	**0.36**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.53	0.52	0.01	0.13	0.04
	Worker	0.37	0.23	2.74	0.01	0.91	0.25
	Total	**0.42**	**1.77**	**3.26**	**0.01**	**1.05**	**0.29**
TOTAL		***1.20***	***9.09***	***13.13***	***0.03***	***1.43***	***0.65***
Onsite		**2023**					
	Off-Road	0.78	7.32	9.86	0.02	0.38	0.36
	Total	**0.78**	**7.32**	**9.86**	**0.02**	**0.38**	**0.36**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.54	0.52	0.01	0.13	0.04
	Worker	0.37	0.23	3.01	0.01	0.91	0.25
	Total	**0.42**	**1.77**	**3.49**	**0.01**	**1.05**	**0.29**
TOTAL		***1.20***	***9.09***	***13.35***	***0.03***	***1.43***	***0.65***

Building Construction 2024

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**2024 Summer**					
	Off-Road	0.73	6.85	9.85	0.02	0.33	0.31
	Total	**0.73**	**6.85**	**9.85**	**0.02**	**0.33**	**0.31**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.54	0.46	0.01	0.13	0.04
	Worker	0.31	0.19	2.81	0.01	0.91	0.25
	Total	**0.36**	**1.73**	**3.27**	**0.01**	**1.05**	**0.29**
TOTAL		***1.08***	***8.57***	***13.12***	***0.03***	***1.38***	***0.60***
Onsite		**2024 Winter**					
	Off-Road	0.73	6.85	9.85	0.02	0.33	0.31
	Total	**0.73**	**6.85**	**9.85**	**0.02**	**0.33**	**0.31**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.53	0.50	0.01	0.13	0.04
	Worker	0.35	0.21	2.55	0.01	0.91	0.25
	Total	**0.40**	**1.74**	**3.06**	**0.01**	**1.05**	**0.29**
TOTAL		***1.13***	***8.59***	***12.91***	***0.03***	***1.38***	***0.60***
Onsite		**2024**					
	Off-Road	0.73	6.85	9.85	0.02	0.33	0.31
	Total	**0.73**	**6.85**	**9.85**	**0.02**	**0.33**	**0.31**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.54	0.50	0.01	0.13	0.04
	Worker	0.35	0.21	2.81	0.01	0.91	0.25
	Total	**0.40**	**1.74**	**3.27**	**0.01**	**1.05**	**0.29**
TOTAL		***1.13***	***8.59***	***13.12***	***0.03***	***1.38***	***0.60***

Architectural Coating

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2024** Summer						
	Archit. Coating	130.55				0.00	0.00
	Off-Road	0.36	2.44	3.62	0.01	0.12	0.12
	Total	**130.92**	**2.44**	**3.62**	**0.01**	**0.12**	**0.12**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.06	0.04	0.57	0.00	0.19	0.05
	Total	**0.06**	**0.04**	**0.57**	**0.00**	**0.19**	**0.05**
TOTAL		***130.98***	***2.48***	***4.19***	***0.01***	***0.31***	***0.17***
Onsite	**2024** Winter						
	Archit. Coating	130.55				0.00	0.00
	Off-Road	0.36	2.44	3.62	0.01	0.12	0.12
	Total	**130.92**	**2.44**	**3.62**	**0.01**	**0.12**	**0.12**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.07	0.04	0.52	0.00	0.19	0.05
	Total	**0.07**	**0.04**	**0.52**	**0.00**	**0.19**	**0.05**
TOTAL		***130.99***	***2.48***	***4.14***	***0.01***	***0.31***	***0.17***
Onsite	**2024**						
	Archit. Coating	130.55	0.00	0.00	0.00	0.00	0.00
	Off-Road	0.36	2.44	3.62	0.01	0.12	0.12
	Total	**130.92**	**2.44**	**3.62**	**0.01**	**0.12**	**0.12**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.07	0.04	0.57	0.00	0.19	0.05
	Total	**0.07**	**0.04**	**0.57**	**0.00**	**0.19**	**0.05**
TOTAL		***130.99***	***2.48***	***4.19***	***0.01***	***0.31***	***0.17***

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Asphalt & Building Demolition	***2***	***23***	***15***	***0***	***1***	***1***
Asphalt & Building Demolition and Debris Haul	***3***	***25***	***17***	***0***	***2***	***1***
Rough Grading 2022	***4***	***39***	***30***	***0***	***6***	***3***
Rough Grading 2022 and Asphalt Demolition Debris Onsite Reprocessing	***4***	***43***	***34***	***0***	***6***	***3***
Rough Grading 2023	***3***	***35***	***29***	***0***	***5***	***3***
Rough Grading 2023 and Soil Haul	***4***	***41***	***30***	***0***	***6***	***3***
Utility Trenching	***0***	***2***	***3***	***0***	***0***	***0***
Asphalt Paving	***1***	***7***	***10***	***0***	***0***	***0***
Building Construction 2023	***1***	***9***	***13***	***0***	***1***	***1***
Building Construction 2024	***1***	***9***	***13***	***0***	***1***	***1***
Building Construction 2024 and Architectural Coating	***132***	***11***	***17***	***0***	***2***	***1***
MAX DAILY	**132**	**43**	**34**	**0**	**6**	**3**
Regional Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	**Yes**	No	No	No	No	No

Regional Construction Emissions (Mitigated) Worksheet:

Asphalt & Building Demolition

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2022 Summer**						
	Off-Road	2.23	22.17	14.08	0.03	1.07	1.00
	Total	**2.23**	**22.17**	**14.08**	**0.03**	**1.07**	**1.00**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.37	0.10	0.00	0.02	0.01
	Worker	0.06	0.04	0.56	0.00	0.16	0.04
	Total	**0.07**	**0.41**	**0.65**	**0.00**	**0.18**	**0.05**
TOTAL		***2.31***	***22.57***	***14.74***	***0.03***	***1.25***	***1.05***
Onsite	**2022 Winter**						
	Off-Road	2.23	22.17	14.08	0.03	1.07	1.00
	Total	**2.23**	**22.17**	**14.08**	**0.03**	**1.07**	**1.00**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.37	0.11	0.00	0.02	0.01
	Worker	0.07	0.04	0.51	0.00	0.16	0.04
	Total	**0.08**	**0.41**	**0.62**	**0.00**	**0.18**	**0.05**
TOTAL		***2.31***	***22.58***	***14.70***	***0.03***	***1.25***	***1.05***
Onsite	**2022**						
	Off-Road	2.23	22.17	14.08	0.03	1.07	1.00
	Total	**2.23**	**22.17**	**14.08**	**0.03**	**1.07**	**1.00**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.37	0.11	0.00	0.02	0.01
	Worker	0.07	0.04	0.56	0.00	0.16	0.04
	Total	**0.08**	**0.41**	**0.65**	**0.00**	**0.18**	**0.05**
TOTAL		***2.31***	***22.58***	***14.74***	***0.03***	***1.25***	***1.05***

Building Demolition Debris Haul

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2022** Summer						
	Fugitive Dust					0.60	0.09
	Off-Road	0.16	1.67	2.23	0.00	0.09	0.08
	Total	**0.16**	**1.67**	**2.23**	**0.00**	**0.69**	**0.17**
Offsite							
	Hauling	0.03	1.01	0.19	0.00	0.04	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.01	0.11	0.00	0.03	0.01
	Total	**0.04**	**1.02**	**0.31**	**0.00**	**0.07**	**0.02**
TOTAL		***0.20***	***2.69***	***2.53***	***0.01***	***0.76***	***0.19***
Onsite	**2022** Winter						
	Fugitive Dust					0.60	0.09
	Off-Road	0.16	1.67	2.23	0.00	0.09	0.08
	Total	**0.16**	**1.67**	**2.23**	**0.00**	**0.69**	**0.17**
Offsite							
	Hauling	0.03	1.00	0.22	0.00	0.04	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.01	0.10	0.00	0.03	0.01
	Total	**0.04**	**1.01**	**0.32**	**0.00**	**0.07**	**0.02**
TOTAL		***0.20***	***2.68***	***2.55***	***0.01***	***0.76***	***0.19***
Onsite	**2022**						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.09
	Off-Road	0.16	1.67	2.23	0.00	0.09	0.08
	Total	**0.16**	**1.67**	**2.23**	**0.00**	**0.69**	**0.17**
Offsite							
	Hauling	0.03	1.01	0.22	0.00	0.04	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.01	0.11	0.00	0.03	0.01
	Total	**0.04**	**1.02**	**0.32**	**0.00**	**0.07**	**0.02**
TOTAL		***0.20***	***2.69***	***2.55***	***0.01***	***0.76***	***0.19***

Asphalt Demolition Debris Onsite Reprocessing

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**2022** Summer						
	Off-Road		0.48	3.23	4.33	0.01	0.18	0.18
	Total		**0.48**	**3.23**	**4.33**	**0.01**	**0.18**	**0.18**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.00	0.00	0.00	0.00	0.00	0.00
	Worker		0.01	0.01	0.11	0.00	0.03	0.01
	Total		**0.01**	**0.01**	**0.11**	**0.00**	**0.03**	**0.01**
TOTAL			***0.49***	***3.23***	***4.44***	***0.01***	***0.21***	***0.19***
Onsite		**2022** Winter						
	Off-Road		0.48	3.23	4.33	0.01	0.18	0.18
	Total		**0.48**	**3.23**	**4.33**	**0.01**	**0.18**	**0.18**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.00	0.00	0.00	0.00	0.00	0.00
	Worker		0.01	0.01	0.10	0.00	0.03	0.01
	Total		**0.01**	**0.01**	**0.10**	**0.00**	**0.03**	**0.01**
TOTAL			***0.49***	***3.23***	***4.43***	***0.01***	***0.21***	***0.19***
Onsite		**2022**						
	Off-Road		0.48	3.23	4.33	0.01	0.18	0.18
	Total		**0.48**	**3.23**	**4.33**	**0.01**	**0.18**	**0.18**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.00	0.00	0.00	0.00	0.00	0.00
	Worker		0.01	0.01	0.11	0.00	0.03	0.01
	Total		**0.01**	**0.01**	**0.11**	**0.00**	**0.03**	**0.01**
TOTAL			***0.49***	***3.23***	***4.44***	***0.01***	***0.21***	***0.19***

Rough Grading 2022

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**2022** Summer						
	Fugitive Dust						3.71	1.54
	Off-Road		3.62	38.84	29.04	0.06	1.63	1.50
	Total		**3.62**	**38.84**	**29.04**	**0.06**	**5.34**	**3.04**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.01	0.37	0.10	0.00	0.02	0.01
	Worker		0.08	0.05	0.74	0.00	0.21	0.06
	Total		**0.09**	**0.42**	**0.84**	**0.00**	**0.23**	**0.06**
TOTAL			***3.72***	***39.27***	***29.88***	***0.07***	***5.58***	***3.11***
Onsite		**2022** Winter						
	Fugitive Dust						3.71	1.54
	Off-Road		3.62	38.84	29.04	0.06	1.63	1.50
	Total		**3.62**	**38.84**	**29.04**	**0.06**	**5.34**	**3.04**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.01	0.37	0.11	0.00	0.02	0.01
	Worker		0.09	0.06	0.68	0.00	0.21	0.06
	Total		**0.10**	**0.43**	**0.78**	**0.00**	**0.23**	**0.06**
TOTAL			***3.73***	***39.27***	***29.83***	***0.07***	***5.58***	***3.11***
Onsite		**2022**						
	Fugitive Dust		0.00	0.00	0.00	0.00	3.71	1.54
	Off-Road		3.62	38.84	29.04	0.06	1.63	1.50
	Total		**3.62**	**38.84**	**29.04**	**0.06**	**5.34**	**3.04**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.01	0.37	0.11	0.00	0.02	0.01
	Worker		0.09	0.06	0.74	0.00	0.21	0.06
	Total		**0.10**	**0.43**	**0.84**	**0.00**	**0.23**	**0.06**
TOTAL			***3.73***	***39.27***	***29.88***	***0.07***	***5.58***	***3.11***

Rough Grading 2023

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Fugitive Dust					3.71	1.54
	Off-Road	3.32	34.52	28.05	0.06	1.42	1.31
	Total	**3.32**	**34.52**	**28.05**	**0.06**	**5.13**	**2.85**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.28	0.09	0.00	0.02	0.01
	Worker	0.08	0.05	0.68	0.00	0.21	0.06
	Total	**0.08**	**0.33**	**0.77**	**0.00**	**0.23**	**0.06**
TOTAL		***3.41***	***34.84***	***28.82***	***0.07***	***5.36***	***2.91***
Onsite	**2023** Winter						
	Fugitive Dust					3.71	1.54
	Off-Road	3.32	34.52	28.05	0.06	1.42	1.31
	Total	**3.32**	**34.52**	**28.05**	**0.06**	**5.13**	**2.85**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.28	0.09	0.00	0.02	0.01
	Worker	0.08	0.05	0.62	0.00	0.21	0.06
	Total	**0.09**	**0.33**	**0.72**	**0.00**	**0.23**	**0.06**
TOTAL		***3.42***	***34.85***	***28.77***	***0.07***	***5.36***	***2.91***
Onsite	**2023**						
	Fugitive Dust	0.00	0.00	0.00	0.00	3.71	1.54
	Off-Road	3.32	34.52	28.05	0.06	1.42	1.31
	Total	**3.32**	**34.52**	**28.05**	**0.06**	**5.13**	**2.85**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.28	0.09	0.00	0.02	0.01
	Worker	0.08	0.05	0.68	0.00	0.21	0.06
	Total	**0.09**	**0.33**	**0.77**	**0.00**	**0.23**	**0.06**
TOTAL		***3.42***	***34.85***	***28.82***	***0.07***	***5.36***	***2.91***

Rough Grading Soil Haul

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Fugitive Dust					0.02	0.00
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**
Offsite							
	Hauling	0.13	5.95	1.31	0.02	0.25	0.07
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.13**	**5.95**	**1.31**	**0.02**	**0.25**	**0.07**
TOTAL		***0.13***	***5.95***	***1.31***	***0.02***	***0.28***	***0.08***
Onsite	**2023** Winter						
	Fugitive Dust					0.02	0.00
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**
Offsite							
	Hauling	0.13	5.86	1.47	0.01	0.25	0.07
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.13**	**5.86**	**1.47**	**0.01**	**0.25**	**0.07**
TOTAL		***0.13***	***5.86***	***1.47***	***0.01***	***0.28***	***0.08***
Onsite	**2023**						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.02	0.00
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**
Offsite							
	Hauling	0.13	5.95	1.47	0.02	0.25	0.07
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.13**	**5.95**	**1.47**	**0.02**	**0.25**	**0.07**
TOTAL		***0.13***	***5.95***	***1.47***	***0.02***	***0.28***	***0.08***

Utilities Trenching

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023 Summer**						
	Off-Road	0.19	1.94	2.56	0.00	0.10	0.10
	Total	**0.19**	**1.94**	**2.56**	**0.00**	**0.10**	**0.10**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.02	0.01	0.17	0.00	0.05	0.01
	Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.05**	**0.01**
TOTAL		***0.21***	***1.95***	***2.73***	***0.00***	***0.16***	***0.11***
Onsite	**2023 Winter**						
	Off-Road	0.19	1.94	2.56	0.00	0.10	0.10
	Total	**0.19**	**1.94**	**2.56**	**0.00**	**0.10**	**0.10**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.02	0.01	0.16	0.00	0.05	0.01
	Total	**0.02**	**0.01**	**0.16**	**0.00**	**0.05**	**0.01**
TOTAL		***0.22***	***1.95***	***2.71***	***0.00***	***0.16***	***0.11***
Onsite	**2023**						
	Off-Road	0.19	1.94	2.56	0.00	0.10	0.10
	Total	**0.19**	**1.94**	**2.56**	**0.00**	**0.10**	**0.10**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.02	0.01	0.17	0.00	0.05	0.01
	Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.05**	**0.01**
TOTAL		***0.22***	***1.95***	***2.73***	***0.00***	***0.16***	***0.11***

Paving 2023

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Off-Road	0.67	6.71	9.14	0.01	0.34	0.32
	Paving	0.18				0.00	0.00
	Total	**0.85**	**6.71**	**9.14**	**0.01**	**0.34**	**0.32**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.06	0.04	0.51	0.00	0.16	0.04
	Total	**0.06**	**0.04**	**0.51**	**0.00**	**0.16**	**0.04**
TOTAL		***0.90***	***6.74***	***9.66***	***0.02***	***0.50***	***0.36***
Onsite	**2023** Winter						
	Off-Road	0.67	6.71	9.14	0.01	0.34	0.32
	Paving	0.18				0.00	0.00
	Total	**0.85**	**6.71**	**9.14**	**0.01**	**0.34**	**0.32**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.06	0.04	0.47	0.00	0.16	0.04
	Total	**0.06**	**0.04**	**0.47**	**0.00**	**0.16**	**0.04**
TOTAL		***0.91***	***6.75***	***9.61***	***0.02***	***0.50***	***0.36***
Onsite	**2023**						
	Off-Road	0.67	6.71	9.14	0.01	0.34	0.32
	Paving	0.18	0.00	0.00	0.00	0.00	0.00
	Total	**0.85**	**6.71**	**9.14**	**0.01**	**0.34**	**0.32**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.06	0.04	0.51	0.00	0.16	0.04
	Total	**0.06**	**0.04**	**0.51**	**0.00**	**0.16**	**0.04**
TOTAL		***0.91***	***6.75***	***9.66***	***0.02***	***0.50***	***0.36***

Building Construction 2023

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**2023 Summer**						
	Off-Road		0.78	7.32	9.86	0.02	0.38	0.36
	Total		**0.78**	**7.32**	**9.86**	**0.02**	**0.38**	**0.36**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.05	1.54	0.48	0.01	0.13	0.04
	Worker		0.33	0.21	3.01	0.01	0.91	0.25
	Total		**0.38**	**1.75**	**3.49**	**0.01**	**1.05**	**0.29**
TOTAL			***1.15***	***9.08***	***13.35***	***0.03***	***1.43***	***0.65***
Onsite		**2023 Winter**						
	Off-Road		0.78	7.32	9.86	0.02	0.38	0.36
	Total		**0.78**	**7.32**	**9.86**	**0.02**	**0.38**	**0.36**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.05	1.53	0.52	0.01	0.13	0.04
	Worker		0.37	0.23	2.74	0.01	0.91	0.25
	Total		**0.42**	**1.77**	**3.26**	**0.01**	**1.05**	**0.29**
TOTAL			***1.20***	***9.09***	***13.13***	***0.03***	***1.43***	***0.65***
Onsite		**2023**						
	Off-Road		0.78	7.32	9.86	0.02	0.38	0.36
	Total		**0.78**	**7.32**	**9.86**	**0.02**	**0.38**	**0.36**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.05	1.54	0.52	0.01	0.13	0.04
	Worker		0.37	0.23	3.01	0.01	0.91	0.25
	Total		**0.42**	**1.77**	**3.49**	**0.01**	**1.05**	**0.29**
TOTAL			***1.20***	***9.09***	***13.35***	***0.03***	***1.43***	***0.65***

Building Construction 2024

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**2024 Summer**						
	Off-Road		0.73	6.85	9.85	0.02	0.33	0.31
	Total		**0.73**	**6.85**	**9.85**	**0.02**	**0.33**	**0.31**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.05	1.54	0.46	0.01	0.13	0.04
	Worker		0.31	0.19	2.81	0.01	0.91	0.25
	Total		**0.36**	**1.73**	**3.27**	**0.01**	**1.05**	**0.29**
TOTAL			***1.08***	***8.57***	***13.12***	***0.03***	***1.38***	***0.60***
Onsite		**2024 Winter**						
	Off-Road		0.73	6.85	9.85	0.02	0.33	0.31
	Total		**0.73**	**6.85**	**9.85**	**0.02**	**0.33**	**0.31**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.05	1.53	0.50	0.01	0.13	0.04
	Worker		0.35	0.21	2.55	0.01	0.91	0.25
	Total		**0.40**	**1.74**	**3.06**	**0.01**	**1.05**	**0.29**
TOTAL			***1.13***	***8.59***	***12.91***	***0.03***	***1.38***	***0.60***
Onsite		**2024**						
	Off-Road		0.73	6.85	9.85	0.02	0.33	0.31
	Total		**0.73**	**6.85**	**9.85**	**0.02**	**0.33**	**0.31**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.05	1.54	0.50	0.01	0.13	0.04
	Worker		0.35	0.21	2.81	0.01	0.91	0.25
	Total		**0.40**	**1.74**	**3.27**	**0.01**	**1.05**	**0.29**
TOTAL			***1.13***	***8.59***	***13.12***	***0.03***	***1.38***	***0.60***

Architectural Coating

			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**2024** Summer						
	Archit. Coating		32.68				0.00	0.00
	Off-Road		0.36	2.44	3.62	0.01	0.12	0.12
	Total		**33.04**	**2.44**	**3.62**	**0.01**	**0.12**	**0.12**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.00	0.00	0.00	0.00	0.00	0.00
	Worker		0.06	0.04	0.57	0.00	0.19	0.05
	Total		**0.06**	**0.04**	**0.57**	**0.00**	**0.19**	**0.05**
TOTAL			***33.11***	***2.48***	***4.19***	***0.01***	***0.31***	***0.17***
Onsite		**2024** Winter						
	Archit. Coating		32.68				0.00	0.00
	Off-Road		0.36	2.44	3.62	0.01	0.12	0.12
	Total		**33.04**	**2.44**	**3.62**	**0.01**	**0.12**	**0.12**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.00	0.00	0.00	0.00	0.00	0.00
	Worker		0.07	0.04	0.52	0.00	0.19	0.05
	Total		**0.07**	**0.04**	**0.52**	**0.00**	**0.19**	**0.05**
TOTAL			***33.12***	***2.48***	***4.14***	***0.01***	***0.31***	***0.17***
Onsite		**2024**						
	Archit. Coating		32.68	0.00	0.00	0.00	0.00	0.00
	Off-Road		0.36	2.44	3.62	0.01	0.12	0.12
	Total		**33.04**	**2.44**	**3.62**	**0.01**	**0.12**	**0.12**
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.00	0.00	0.00	0.00	0.00	0.00
	Worker		0.07	0.04	0.57	0.00	0.19	0.05
	Total		**0.07**	**0.04**	**0.57**	**0.00**	**0.19**	**0.05**
TOTAL			***33.12***	***2.48***	***4.19***	***0.01***	***0.31***	***0.17***

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Asphalt & Building Demolition	***2***	***23***	***15***	***0***	***1***	***1***
Asphalt & Building Demolition and Debris Haul	***3***	***25***	***17***	***0***	***2***	***1***
Rough Grading 2022	***4***	***39***	***30***	***0***	***6***	***3***
Rough Grading 2022 and Asphalt Demolition Debris Onsite Reprocessing	***4***	***43***	***34***	***0***	***6***	***3***
Rough Grading 2023	***3***	***35***	***29***	***0***	***5***	***3***
Rough Grading 2023 and Soil Haul	***4***	***41***	***30***	***0***	***6***	***3***
Utility Trenching	***0***	***2***	***3***	***0***	***0***	***0***
Asphalt Paving	***1***	***7***	***10***	***0***	***0***	***0***
Building Construction 2023	***1***	***9***	***13***	***0***	***1***	***1***
Building Construction 2024	***1***	***9***	***13***	***0***	***1***	***1***
Building Construction 2024 and Architectural Coating	***34***	***11***	***17***	***0***	***2***	***1***
MAX DAILY	**34**	**43**	**34**	**0**	**6**	**3**
Regional Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	**No**	No	No	No	No	No

Construction LST Worksheet:

Asphalt & Building Demolition

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2022**				
	Off-Road		22.17	14.08	1.07	1.00
	Total		**22.17**	**14.08**	**1.07**	**1.00**
TOTAL			***22.17***	***14.08***	***1.07***	***1.00***
Onsite		**2022**				
	Off-Road		22.17	14.08	1.07	1.00
	Total		**22.17**	**14.08**	**1.07**	**1.00**
TOTAL			***22.17***	***14.08***	***1.07***	***1.00***
Onsite		**2022**				
	Off-Road		22.17	14.08	1.07	1.00
	Total		**22.17**	**14.08**	**1.07**	**1.00**
TOTAL			***22.17***	***14.08***	***1.07***	***1.00***

Building Demolition Debris Haul

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2022**				
	Fugitive Dust				0.60	0.09
	Off-Road		1.67	2.23	0.09	0.08
	Total		**1.67**	**2.23**	**0.69**	**0.17**
TOTAL			***1.67***	***2.23***	***0.69***	***0.17***
Onsite		**2022**				
	Fugitive Dust				0.60	0.09
	Off-Road		1.67	2.23	0.09	0.08
	Total		**1.67**	**2.23**	**0.69**	**0.17**
TOTAL			***1.67***	***2.23***	***0.69***	***0.17***
Onsite		**2022**				
	Fugitive Dust		0.00	0.00	0.60	0.09
	Off-Road		1.67	2.23	0.09	0.08
	Total		**1.67**	**2.23**	**0.69**	**0.17**
TOTAL			***1.67***	***2.23***	***0.69***	***0.17***

Asphalt Demolition Debris Onsite Reprocessing

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2022**				
	Off-Road		3.23	4.33	0.18	0.18
	Total		**3.23**	**4.33**	**0.18**	**0.18**
TOTAL			***3.23***	***4.33***	***0.18***	***0.18***
Onsite		**2022**				
	Off-Road		3.23	4.33	0.18	0.18
	Total		**3.23**	**4.33**	**0.18**	**0.18**
TOTAL			***3.23***	***4.33***	***0.18***	***0.18***
Onsite		**2022**				
	Off-Road		3.23	4.33	0.18	0.18
	Total		**3.23**	**4.33**	**0.18**	**0.18**
TOTAL			***3.23***	***4.33***	***0.18***	***0.18***

Rough Grading 2022

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2022**				
	Fugitive Dust				3.71	1.54
	Off-Road		38.84	29.04	1.63	1.50
	Total		**38.84**	**29.04**	**5.34**	**3.04**
TOTAL			***38.84***	***29.04***	***5.34***	***3.04***
Onsite		**2022**				
	Fugitive Dust				3.71	1.54
	Off-Road		38.84	29.04	1.63	1.50
	Total		**38.84**	**29.04**	**5.34**	**3.04**
TOTAL			***38.84***	***29.04***	***5.34***	***3.04***
Onsite		**2022**				
	Fugitive Dust		0.00	0.00	3.71	1.54
	Off-Road		38.84	29.04	1.63	1.50
	Total		**38.84**	**29.04**	**5.34**	**3.04**
TOTAL			***38.84***	***29.04***	***5.34***	***3.04***

Rough Grading 2023

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2023**				
	Fugitive Dust				3.71	1.54
	Off-Road		34.52	28.05	1.42	1.31
	Total		**34.52**	**28.05**	**5.13**	**2.85**
TOTAL			***34.52***	***28.05***	***5.13***	***2.85***
Onsite		**2023**				
	Fugitive Dust				3.71	1.54
	Off-Road		34.52	28.05	1.42	1.31
	Total		**34.52**	**28.05**	**5.13**	**2.85**
TOTAL			***34.52***	***28.05***	***5.13***	***2.85***
Onsite		**2023**				
	Fugitive Dust		0.00	0.00	3.71	1.54
	Off-Road		34.52	28.05	1.42	1.31
	Total		**34.52**	**28.05**	**5.13**	**2.85**
TOTAL			***34.52***	***28.05***	***5.13***	***2.85***

Rough Grading Soil Haul

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2023**				
	Fugitive Dust				0.02	0.00
	Off-Road		0.00	0.00	0.00	0.00
	Total		**0.00**	**0.00**	**0.02**	**0.00**
TOTAL			***0.00***	***0.00***	***0.02***	***0.00***
Onsite		**2023**				
	Fugitive Dust				0.02	0.00
	Off-Road		0.00	0.00	0.00	0.00
	Total		**0.00**	**0.00**	**0.02**	**0.00**
TOTAL			***0.00***	***0.00***	***0.02***	***0.00***
Onsite		**2023**				
	Fugitive Dust		0.00	0.00	0.02	0.00
	Off-Road		0.00	0.00	0.00	0.00
	Total		**0.00**	**0.00**	**0.02**	**0.00**
TOTAL			***0.00***	***0.00***	***0.02***	***0.00***

Utilities Trenching

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2023**				
	Off-Road		1.94	2.56	0.10	0.10
	Total		**1.94**	**2.56**	**0.10**	**0.10**
TOTAL			***1.94***	***2.56***	***0.10***	***0.10***
Onsite		**2023**				
	Off-Road		1.94	2.56	0.10	0.10
	Total		**1.94**	**2.56**	**0.10**	**0.10**
TOTAL			***1.94***	***2.56***	***0.10***	***0.10***
Onsite		**2023**				
	Off-Road		1.94	2.56	0.10	0.10
	Total		**1.94**	**2.56**	**0.10**	**0.10**
TOTAL			***1.94***	***2.56***	***0.10***	***0.10***

Paving 2023

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2023**				
	Off-Road		6.71	9.14	0.34	0.32
	Paving				0.00	0.00
	Total		**6.71**	**9.14**	**0.34**	**0.32**
TOTAL			***6.71***	***9.14***	***0.34***	***0.32***
Onsite		**2023**				
	Off-Road		6.71	9.14	0.34	0.32
	Paving				0.00	0.00
	Total		**6.71**	**9.14**	**0.34**	**0.32**
TOTAL			***6.71***	***9.14***	***0.34***	***0.32***
Onsite		**2023**				
	Off-Road		6.71	9.14	0.34	0.32
	Paving		0.00	0.00	0.00	0.00
	Total		**6.71**	**9.14**	**0.34**	**0.32**
TOTAL			***6.71***	***9.14***	***0.34***	***0.32***

Building Construction 2023

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2023**				
	Off-Road		7.32	9.86	0.38	0.36
	Total		**7.32**	**9.86**	**0.38**	**0.36**
TOTAL			***7.32***	***9.86***	***0.38***	***0.36***
Onsite		**2023**				
	Off-Road		7.32	9.86	0.38	0.36
	Total		**7.32**	**9.86**	**0.38**	**0.36**
TOTAL			***7.32***	***9.86***	***0.38***	***0.36***
Onsite		**2023**				
	Off-Road		7.32	9.86	0.38	0.36
	Total		**7.32**	**9.86**	**0.38**	**0.36**
TOTAL			***7.32***	***9.86***	***0.38***	***0.36***

Building Construction 2024

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		2024				
	Off-Road		6.85	9.85	0.33	0.31
	Total		**6.85**	**9.85**	**0.33**	**0.31**
TOTAL			***6.85***	***9.85***	***0.33***	***0.31***
Onsite		2024				
	Off-Road		6.85	9.85	0.33	0.31
	Total		**6.85**	**9.85**	**0.33**	**0.31**
TOTAL			***6.85***	***9.85***	***0.33***	***0.31***
Onsite		2024				
	Off-Road		6.85	9.85	0.33	0.31
	Total		**6.85**	**9.85**	**0.33**	**0.31**
TOTAL			***6.85***	***9.85***	***0.33***	***0.31***

Architectural Coating

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		2024				
	Archit. Coating				0.00	0.00
	Off-Road		2.44	3.62	0.12	0.12
	Total		**2.44**	**3.62**	**0.12**	**0.12**
TOTAL			***2.44***	***3.62***	***0.12***	***0.12***
Onsite		2024				
	Archit. Coating				0.00	0.00
	Off-Road		2.44	3.62	0.12	0.12
	Total		**2.44**	**3.62**	**0.12**	**0.12**
TOTAL			***2.44***	***3.62***	***0.12***	***0.12***
Onsite		2024				
	Archit. Coating		0.00	0.00	0.00	0.00
	Off-Road		2.44	3.62	0.12	0.12
	Total		**2.44**	**3.62**	**0.12**	**0.12**
TOTAL			***2.44***	***3.62***	***0.12***	***0.12***

		NOx	CO	PM10 Total	PM2.5 Total
Asphalt & Building Demolition		***22***	***14***	***1.07***	***1.00***
	≤1.00 Acre LST	***83***	***673***	***5.00***	***4.00***
	Exceeds LST?	***no***	***no***	***no***	***no***
Asphalt & Building Demolition and Debris Haul		***24***	***16***	***1.76***	***1.17***
	1.50 Acre LST	***102***	***852***	***6.00***	***4.50***
	Exceeds LST?	***no***	***no***	***no***	***no***
Rough Grading 2022		***39***	***29***	***5.34***	***3.04***
	4.50 Acre LST	***173***	***1,683***	***12.83***	***8.33***
	Exceeds LST?	***no***	***no***	***no***	***no***
Rough Grading 2022 and Asphalt Demolition Debris Onsite Reprocessing		***42***	***33***	***5.52***	***3.22***
	4.50 Acre LST	***173***	***1,683***	***12.83***	***8.33***
	Exceeds LST?	***no***	***no***	***no***	***no***
Rough Grading 2023		***35***	***28***	***5.13***	***2.85***
	4.50 Acre LST	***173***	***1,683***	***12.83***	***8.33***
	Exceeds LST?	***no***	***no***	***no***	***no***

Rough Grading 2023 and Soil Haul	***35***	***28***	***5.16***	***2.85***
4.50 Acre LST	***173***	***1,683***	***12.83***	***8.33***
Exceeds LST?	***no***	***no***	***no***	***no***
Utility Trenching	***2***	***3***	***0.10***	***0.10***
≤1.00 Acre LST	***83***	***673***	***5.00***	***4.00***
Exceeds LST?	***no***	***no***	***no***	***no***
Asphalt Paving	***7***	***9***	***0.34***	***0.32***
≤1.00 Acre LST	***83***	***673***	***5.00***	***4.00***
Exceeds LST?	***no***	***no***	***no***	***no***
Building Construction 2023	***7***	***10***	***0.38***	***0.36***
≤1.00 Acre LST	***83***	***673***	***5.00***	***4.00***
Exceeds LST?	***no***	***no***	***no***	***no***
Building Construction 2024	***7***	***10***	***0.33***	***0.31***
≤1.00 Acre LST	***83***	***673***	***5.00***	***4.00***
Exceeds LST?	***no***	***no***	***no***	***no***
Building Construction 2024 and Architectural Coating	***9***	***13***	***0.45***	***0.43***
≤1.00 Acre LST	***83***	***673***	***5.00***	***4.00***
Exceeds LST?	***no***	***no***	***no***	***no***

Regional Operation Emissions Worksheet: Buildout Year 2024[1]

[1] CalEEMod, Version 2016.3.2.25

Project

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	9.59	0.20	17.10	0.00	0.09	0.09
Energy	0.15	1.25	0.53	0.01	0.10	0.10
Mobile	3.17	2.71	34.01	0.08	9.28	2.50
Total	**12.91**	**4.15**	**51.64**	**0.09**	**9.48**	**2.70**

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	9.59	0.20	17.10	0.00	0.09	0.09
Energy	0.15	1.25	0.53	0.01	0.10	0.10
Mobile	2.90	2.74	31.46	0.08	9.28	2.50
Total	**12.63**	**4.18**	**49.09**	**0.09**	**9.48**	**2.69**

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	10	0	17	0	0	0
Energy	0	1	1	0	0	0
Mobile	3	3	34	0	9	3
Total	**13**	**4**	**52**	**0**	**9**	**3**
Regional Thresholds (lb/day)	**55**	**55**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	No	No	No	No	No	No

GHG Emissions Inventory

Source: CalEEMod, Version 2016.3.2.25

$MTCO_2e$=metric tons of carbon dioxide equivalent.

Construction

	$MTCO_2e$
2022	153
2023	226
2024	118
Total Construction	**497**
30-Year Amortization[1]	**17**

Operation	$MTCO_2e$	Percent of Emissions
Area	4	0.2%
Energy	648	29%
Mobile	1,319	60%
Solid Waste	163	7%
Water	57	3%
30-Yr Amortized Construction Emissions[1]	17	1%
Total	**2,207**	**100%**
South Coast AQMD Working Group Threshold	3,000	
Exceed Threshold?	**No**	

Notes

1 Total construction emissions are amortized over 30 years per South Coast AQMD Working Group methodology; SCAQMD. 2009, November 19. Greenhouse Gases (GHG) CEQA Significance Thresholds Working Group Meeting 14. http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-14/ghg-meeting-14-main-presentation.pdf?sfvrsn=2.

Assumptions Worksheet

CalEEMod Inputs - Starlite Residential Development Project, Construction

Name:	Starlite Residential Development Project
Project Number:	KBH-02
Project Location:	2540 Rosemead Blvd in South El Monte
County/Air Basin:	Los Angeles
Climate Zone:	9
Land Use Setting:	Urban
Operational Year:	2023
Utility Company:	Southern California Edison
Air Basin:	South Coast Air Basin
Air District:	SCAQMD
SRA:	11- South San Gabriel Valley

Proiect Site Acreage	13.45
Disturbed Site Acreage	12.40

Project Components	SQFT	Tons	Debris (Tons)	
Demolition				
Building Demolition	7,400	250	54	
Asphalt Demolition*		6,525	6,525	
New Construction	***Number of Units***	***SQFT***	***ACRES***	**Number of Floors**
Single Family Homes	169	346,004	5.28	3
Townhomes	38	62,100	0.48	3
Total Residential Area		**408,104**	**5.75**	
Pool		9,000	0.21	
Parking Lot		4,200	0.10	
Other Asphalt Surfaces		136,247	3.13	
Total Hardscape		55,340	1.27	
Total Landscaping:		84,740	1.95	

*remainder of land use acreage assigned to single family home acreage (2.63 acres).

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage*	Land Use Square Feet
Residential	Single Family Homes	169	DU	5.28	346,004
Residential	Condo/Townhomes	38	DU	0.48	62,100
Recreational	Pool	9.000	1000 sqft	0.21	9,000
Parking	Parking Lot	4.200	1000 sqft	0.10	4,200
Parking	Other Asphalt Surfaces	136.247	1000 sqft	3.13	136,247
Parking	Other Non-asphalt Surfaces	140.080	1000 sqft	3.22	140,080
				12.40	

assumes that building acreage is covered under non-asphalt surfaces.

Demolition

Component	Amount to be Demolished (Tons)	Haul Truck Capacity (Tons)[1]	Haul Distance (miles)	Total Trip Ends	Duration (days)	Trip Ends/Day
Total Building Demo	196	18	6	22	3	7
Total	196			22		

[1] *Demolition debris would be taken to the Puente Hills MRF (provided by the Applicant). Reduced truck haul capacity from CalEEMod default of 20 tons to 18 tons.*

Soil Haul[1]

Construction Activities	Volume (CY)	Haul Truck Capacity (cy)	Haul Distance (miles)	Total Trip Ends	Total Days	Trip Ends/Day
Rough Grading (Import)	4,852	16	5	607	10	61

[1] *Soil haul would be taken to the Puente Hills MRF (provided by the Applicant).*

Architectural Coating

Percentage of Proposed Buildings' Interior Painted:	100%	
Percentage of Proposed Buildings' Exterior Painted:	100%	
Rule 1113		
Interior Paint VOC content:	50	grams per liter
Exterior Paint VOC content:	50	grams per liter

Residential Structures	Land Use Square Feet	CalEEMod Factor[2]	Total Paintable Surface Area	Paintable Interior Area[1]	Paintable Exterior Area[1]
Single Family Homes	346,004	2.7	934,211	700,658	233,553
Townhomes	62,100	2.7	167,670	125,753	41,918
Pool	9,000	2.7	24,300	18,225	6,075
			1,126,181	844,636	281,545
Parking Lot	4,200	6%	252		252
			252		252

[1]CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.

[2] The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user. Architectural coatings for the parking lot is based on CalEEMod methodology applied to a surface parking lot (i.e., striping), in which 6% of surface area is painted.

Construction Mitigation

SCAQMD Rule 403

Replace Ground Cover	PM10:	5	% Reduction
Replace Ground Cover	PM2.5:	5	% Reduction
Water Exposed Area	Frequency:	2	per day
	PM10:	55	% Reduction
	PM25:	55	% Reduction
Unpaved Roads	Vehicle Speed:	15	mph
SCAQMD Rule 1186	Clean Paved Road	9	% PM Reduction

Southern California Edison Carbon Intensity Factors

CO2:[1,2]	531.44	pounds per megawatt hour
CH4:[3]	0.029	pound per megawatt hour
N2O:[3]	0.00617	pound per megawatt hour

[1] Based on CO_2e intensity factor of 534 pounds per megawatt hour; Southern California Edison. 2019, May. 2018 Sustainability Report. https://www.edison.com/content/dam/eix/documents/sustainability/eix-2019-sustainability-report.pdf.

[2] Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.

[3] CalEEMod default values.

Global Warming Potentials (GWP)

	AR4	**AR5**
CO_2	1	1
CH_4	25	28
N_2O	298	265

Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC).

Construction Activities and Schedule Assumptions: Starlite Residential Development Project

based on durations provided by Applicant

Construction Schedule

Construction Activities	Phase Type	Start Date	End Date	CalEEMod Duration (Workday)
Asphalt & Building Demolition	Demolition	10/10/2022	11/1/2022	17
Building Demolition Debris Haul	*Demolition*	*10/28/2022*	*11/1/2022*	*3*
Asphalt Demolition Debris Onsite Reprocessing	Demolition	11/5/2022	11/25/2022	15
Rough Grading	Grading	11/2/2022	1/30/2023	64
Rough Grading Soil Haul	*Grading*	*1/9/2023*	*1/20/2023*	*10*
Utility Trenching	Trenching	2/1/2023	7/3/2023	109
Asphalt Paving	Paving	7/5/2023	9/8/2023	48
Building Construction	Building Construction	9/12/2023	4/26/2024	164
Architectural Coating	Architectural Coating	3/31/2024	4/26/2024	20

Overlapping Construction Schedule

Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
Asphalt & Building Demolition	10/10/2022	10/27/2022	14
Asphalt & Building Demolition and Debris Haul	*10/28/2022*	*11/1/2022*	*3*
Rough Grading 2022	11/2/2022	11/4/2022	3
Rough Grading 2022 and Asphalt Demolition Debris Onsite Reprocessing	11/5/2022	11/25/2022	15
Rough Grading 2022	11/26/2022	12/31/2022	25
Rough Grading 2023	1/1/2023	1/8/2023	
Rough Grading 2023 and Soil Haul	*1/9/2023*	*1/20/2023*	*10*
Rough Grading 2023	1/21/2023	1/30/2023	6
Utility Trenching	2/1/2023	7/3/2023	109
Asphalt Paving	7/5/2023	9/8/2023	48
Building Construction 2023	9/12/2023	12/31/2023	79
Building Construction 2024	1/1/2024	3/30/2024	65
Building Construction 2024 and Architectural Coating	3/31/2024	4/26/2024	20

CalEEMod Construction Off-Road Equipment Inputs

**Based on equipment mix provided by the Applicant.*

General Construction Hours: btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

Construction Equipment Details					
Equipment	**# of Equipment**	**hr/day**	**hp**	**load factor***	**total trips/Day**
Asphalt & Building Demolition					
Concrete/Industrial Saws	1	8	81	0.73	
Excavators	1	8	158	0.38	
Rubber Tired Dozers	2	8	247	0.4	
Worker Trips					15
Vendor Trips					0
Hauling Trips (TOTAL TRIPS)					22
Water Trucks					4
Building Demolition Debris Haul					
Tractors/Loaders/Backhoes	1	8	97	0.37	
Worker Trips					3
Hauling Trips					22
Asphalt Demolition Debris Onsite Reprocessing					
Crushing/Processing Equipment	1	8	85	0.78	
Worker Trips					3
Vendor Trips					0
Hauling Trips (TOTAL TRIPS)					0
Water Trucks					0
Rough Grading					
Excavators	2	8	158	0.38	
Graders	1	8	187	0.41	
Rubber Tired Dozers	2	8	247	0.4	
Scrapers	2	8	367	0.48	
Tractors/Loaders/Backhoes	2	8	97	0.37	
Worker Trips					20
Vendor Trips					0
Hauling Trips (TOTAL TRIPS)					0
Water Trucks					4
Rough Grading Soil Haul					
no additional equipment required for Grading Soil Haul					
Hauling Trips (TOTAL TRIPS)					607
Utility Trenching					
Trencher	1	1	78	0.5	
Tractor/Loader/Backhoe	1	8	97	0.37	
Worker Trips					5
Vendor Trips					0
Hauling Trips (TOTAL TRIPS)					0
Paving					
Pavers	1	8	130	0.42	
Paving Equipment	1	8	132	0.36	
Rollers	2	8	80	0.38	
Worker Trips					15
Vendor Trips					0
Hauling Trips (TOTAL TRIPS)					0
Building Construction					
Cranes	0	7	231	0.29	
Forklifts	2	8	89	0.2	
Generator Sets	1	8	84	0.74	
Tractors/Loaders/Backhoes	2	7	97	0.37	
Welders	0	8	46	0.45	
Worker Trips					88
Vendor Trips					22
Hauling Trips (TOTAL TRIPS)					0
Architectural Coating*					
Air Compressors	2	6	78	0.48	
Worker Trips					18
Vendor Trips					0
Hauling Trips (TOTAL TRIPS)					0

Construction Trips Worksheet

Phase Name	Worker Trip Ends Per Day	Vendor Trip Ends Per Day	Haul Truck Trip Ends Per Day	Total Haul Truck Trip Ends	Start Date	End Date	Workdays
Demolition	15	4	2	22	12/1/2021	12/27/2021	19
Demolition Debris Haul	3	0	2	22	12/1/2021	12/27/2021	19
Site Preparation	3	0	0	0	12/28/2021	1/10/2022	10
Grading	20	4	0	0	1/11/2022	2/6/2022	19
Grading Soil Haul	0	0	32	607	1/11/2022	2/6/2022	19
Athletic Fields Installation and Building Construction	88	22	0	0	2/7/2022	12/8/2022	219
Paving	15	0	0	0	12/9/2022	1/4/2023	19
Architectural Coating	18	0	0	0	1/5/2023	1/31/2023	19

Construction Activity (Overlapping)	Worker Trip Ends Per Day	Vendor Trip Ends Per Day	Haul Truck Trip Ends Per Day	Total Trip Ends Per Day	Start Date	End Date	Workdays
Demolition and Debris Haul	18	4	4	26	12/1/2021	12/27/2021	19
Site Preparation	3	0	0	3	12/28/2021	1/10/2022	10
Grading and Grading Soil Haul	20	4	32	56	1/11/2022	2/6/2022	19
Athletic Fields Installation and Building Construction	88	22	0	110	2/7/2022	12/8/2022	219
Paving	15	0	0	15	12/9/2022	1/4/2023	19
Architectural Coating	18	0	0	18	1/5/2023	1/31/2023	19
Maximum Daily Trips	**88**	**22**	**32**	**110**			

CalEEMod Inputs - Starlite Residential Development Project, Operations

Name:	Starlite Residential Development Project
Project Number:	KBH-02
Project Location:	2540 Rosemead Blvd in South El Monte
County/Air Basin:	Los Angeles
Climate Zone:	9
Land Use Setting:	Urban
Operational Year:	2023
Utility Company:	Southern California Edison
Air Basin:	South Coast Air Basin
Air District:	SCAQMD
SRA:	11- South San Gabriel Valley

Proiect Site Acreage	13.45
Disturbed Site Acreage	12.40

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Residential	Single Family Homes	169.000	DU	5.28	346,004
Residential	Condo/Townhomes	38.000	DU	0.48	62,100
Recreational	Pool	9.000	1000 sqft	0.21	9,000
Parking	Parking Lot	4.200	1000 sqft	0.10	4,200
Parking	Other Asphalt Surfaces	136.247	1000 sqft	3.13	136,247
Parking	Other Non-asphalt Surfaces	140.080	1000 sqft	3.22	140,080
				12.40	

Trips

Land Use Type	Average Daily Trips	CalEEMod Trip Rate	Saturday Trips	CalEEMod Trip Rate	Sunday Trips	CalEEMod Trip
Single Family Homes	1,595	**9.44**	1,612	**9.54**	1,445	**8.55**
Condo/Townhomes	278	**7.32**	309	**8.13**	239	**6.29**
Total	**1,873**		**1,921**		**1,684**	

Daily Weekday VMT 11,823

Trips	Average Trip Rate (mi/trip)	Annual Vehicle Miles Traveled***
Total Trips	6.31	4,303,572

Source: Iteris. 2021, March.

*** Annual VMT is calculated based on weekday VMT x 364 days per year.

	Trip Type Percentages		
	Primary	Diverted	Passby
Single Family Homes	86%	11%	3%
Condo/Townhomes	86%	11%	3%
Adjusted Trip Type Percentages	**100%**	**0%**	**0%**

Water Use (CalEEMod Defaults)

Land Use	Indoor	Outdoor	Total
Total Water Use (gal/day)	36,498	6,466	42,964
Total Water Use (gal/year)	13,321,770	2,360,090	15,681,860

*Assumes 100% aerobic treatment.

Solid Waste (CalEEMod Defaults)

Land Use	(lb/day)	(tons/day)	(tons/year)
Total Soild Waste	1,780	0.89	324.85

Architectural Coating

* See Architectural Coating for Construction Model

Electricity (Buildings)

Multifamily Residential Additional Electricity Reductions[2]	**2.0%**	more efficient than 2016 Title 24 electricity rates
Multifamily Residential Additional Natural Gas Reductions[2]	**5%**	more efficient than 2016 Title 24 natural gas rates
Single family Residential Additional Electricity Reductions[2]	**4%**	more efficient than 2016 Title 24 electricity rates
Single family Residential Additional Natural Gas Reductions[2]	**9%**	more efficient than 2016 Title 24 natural gas rates

Sources:

[1] California Energy Commission (CEC). 2018. 2019 Building Energy and Efficiency Standards Frequently Asked Questions. Accessed on April 3, 2019. http://www.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf

[2] NORESCO. 2018. 2019 Update to the California Energy Efficiency Standards for Residential and Non-Residential Buildings

Default CalEEMod Energy Use

Land Use Subtype	Title-24 Electricity Energy Intensity (kWhr/size/year)*	Nontitle-24 Electricity Energy Intensity (kWhr/size/year)	Lighting Energy Intensity (KWhr/size/year)	Title-24 Natural Gas Energy Intensity (KBTU/size/year)*	Nontitle-24 Natural Gas Energy Intensity (KBTU/size/year)
Condo/Townhouse	**243.83**	**3,795.01**	**1,001.10**	**10,792.56**	**6,384.00**
Other Asphalt Surfaces	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Other Non-Asphalt Surfaces	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Parking Lot	**0.00**	**0.00**	**0.35**	**0.00**	**0.00**
Recreational Swimming Pool	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Single Family Housing	**443.48**	**6,155.97**	**1,608.84**	**21,090.59**	**6,384.00**

Adjusted CalEEMod Energy Use ONLY NORESCO

Land Use Subtype	Title-24 Electricity Energy Intensity (kWhr/size/year)*	Nontitle-24 Electricity Energy Intensity (kWhr/size/year)	Lighting Energy Intensity (KWhr/size/year)	Title-24 Natural Gas Energy Intensity (KBTU/size/year)*	Nontitle-24 Natural Gas Energy Intensity (KBTU/size/year)
Condo/Townhouse	**238.95**	3,795.01	1,001.10	**10,252.93**	6,384.00
Other Asphalt Surfaces	**0.00**	0.00	0.00	**0.00**	0.00
Other Non-Asphalt Surfaces	**0.00**	0.00	0.00	**0.00**	0.00
Parking Lot	**0.00**	0.00	0.35	**0.00**	0.00
Recreational Swimming Pool	**0.00**	0.00	0.00	**0.00**	0.00
Single Family Housing	**425.74**	6,155.97	1,608.84	**19,192.44**	6,384.00

Southern California Edison Carbon Intensity Factors

CO2:[1,2]	531.44	pounds per megawatt hour
CH4:[3]	0.029	pound per megawatt hour
N2O:[3]	0.00617	pound per megawatt hour

[1] Based on CO_2e intensity factor of 534 pounds per megawatt hour; Southern California Edison. 2019, May. 2018 Sustainability Report.
https://www.edison.com/content/dam/eix/documents/sustainability/eix-2019-sustainability-report.pdf.

[2] Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.

[3] CalEEMod default values.

Global Warming Potentials (GWP)

	AR4	AR5
CO_2	1	1
CH_4	25	28
N_2O	298	265

Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC).

Changes to the CalEEMod Defaults - Fleet Mix 2024

Weekday Trips 1,873

Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.545348	0.04462	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.00256	0.002071	0.005217	0.000696	0.00085	100%
Trips	1,021	84	387	222	28	12	39	59	5	4	10	1	2	1,873
Percent	80%			12%	8%									100%
without buses/MH	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0	0	0.005217	0.000696	0.000850	100%
Percent	80%			12%	8%									100%
Adjusted without buses/MH	0.545348	0.044620	0.206559	0.118451	0.015926	0.006638	0.021887	0.033712	0.000000	0.000000	0.005538	0.000739	0.000902	
Percent adjusted	80%			12%	8%									100%
Assumed Mix	97.0%			2.00%	1.00%									100%
adjusted with Assumed	**0.659532**	**0.053962**	**0.249808**	**0.020000**	**0.001996**	**0.000832**	**0.002743**	**0.004224**	**0.000000**	**0.000000**	**0.006698**	**0.000093**	**0.000113**	**100%**
Percent Check:	97%			2%	1%									
Trips	1,235	101	468	37	4	2	5	8	0	0	13	0	0	1,873
	1,817			*37*	*18*									

Fleet mix for the project is modified to reflect a higher proportion of passenger vehicles that the regional VMT. Assumes a mix of approximately 97% passenger vehicles, 2% medium duty trucks, and 1% heavy duty trucks and buses.

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2024[1,2]

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0051438	0.003563274	0.004121412	0.028580964	0.0083628	0	0	0.0820028	0
Annual	CH4_RUNEX	0.002527	0.0062921	0.0042736	0.0052986	0.0045391	0.003278828	0.001834652	0.081545223	0.0045133	5.8485473	0.3758074	0.006397	0.007838
Annual	CH4_STREX	0.0382283	0.0526759	0.0517379	0.060127	0.0129998	0.008886785	0.011011396	4.63615E-07	0.0199283	0.0090511	0.2077612	0.0065347	0.0210431
Annual	CO_IDLEX	0	0	0	0	0.185433	0.147749892	0.333992393	6.610735457	0.6126896	0	0	3.2615278	0
Annual	CO_RUNEX	0.6876964	1.2824599	0.9609334	1.0705645	0.5103804	0.351732563	0.243890192	0.474174569	0.5597892	45.433435	18.045998	0.5474738	0.831398
Annual	CO_STREX	1.6760992	1.7990599	2.1042638	2.3431728	0.9876077	0.646199033	1.206465564	0.008326866	2.1406236	0.6264149	7.7858139	0.8104097	1.8353873
Annual	CO2_NBIO_IDLEX	0	0	0	0	8.7403133	13.28641015	63.60441837	1097.043282	90.125572	0	0	359.94324	0
Annual	CO2_NBIO_RUNEX	271.50767	319.70451	335.59977	410.35967	641.02065	642.0314565	1014.007986	1379.151768	1333.8148	1980.9051	223.46906	1068.9344	1447.9774
Annual	CO2_NBIO_STREX	50.50451	60.243995	63.84514	77.485944	11.572311	8.767114848	11.36803721	0.078569293	18.362052	7.9016327	57.008382	5.8815732	18.114799
Annual	NOX_IDLEX	0	0	0	0	0.0504264	0.078666188	0.331847022	5.453136701	0.3401299	0	0	2.9661387	0
Annual	NOX_RUNEX	0.0281103	0.0802682	0.0580758	0.0729375	0.4536312	0.582307956	1.026682091	2.576356568	1.1107476	0.4630982	0.9893295	3.8688278	0.9354764
Annual	NOX_STREX[3]	0.1482284	0.2024721	0.2147719	0.257826	0.2839042	0.194799389	1.593999277	2.348427542	0.8392167	0.0706152	0.2501135	1.0036425	0.2353672
Annual	PM10_IDLEX	0	0	0	0	0.0008154	0.001305187	0.000240409	0.002664213	0.0001074	0	0	0.0027465	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.061072705	0.13034	0.0726803	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0097826	0.010613742	0.012000003	0.035597425	0.012	0.0318756	0.004	0.0105681	0.0130313
Annual	PM10_RUNEX	0.0016549	0.0023497	0.0017734	0.0018649	0.0057485	0.009497977	0.006149675	0.018629596	0.0073393	0.0032446	0.0025427	0.0232618	0.0172865
Annual	PM10_STREX	0.0016911	0.0022896	0.0017548	0.0018223	0.0002537	0.000143133	0.000127756	1.19274E-06	0.0002013	7.137E-05	0.0030379	6.573E-05	0.0002549
Annual	PM25_IDLEX	0	0	0	0	0.0007801	0.001248725	0.000230009	0.00254896	0.0001028	0	0	0.0026277	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026174016	0.05586	0.0311487	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024456	0.002653436	0.003000001	0.008899356	0.003	0.0079689	0.001	0.002642	0.0032578
Annual	PM25_RUNEX	0.0015241	0.002162	0.0016322	0.0017191	0.0054721	0.009071327	0.00587713	0.017823648	0.0070068	0.0030994	0.0023736	0.02224	0.0165008
Annual	PM25_STREX	0.0015549	0.0021052	0.0016135	0.0016756	0.0002332	0.000131606	0.000117467	1.09668E-06	0.0001851	6.562E-05	0.0028511	6.043E-05	0.0002344
Annual	ROG_DIURN	0.069468	0.1633933	0.102135	0.1165603	0.0031859	0.001923388	0.000841336	7.87354E-06	0.0026323	0.000623	1.6973785	0.001569	0.9280268
Annual	ROG_HTSK	0.0923229	0.1752381	0.1131858	0.1290811	0.0712998	0.047090624	0.024889998	0.000201189	0.0226825	0.0050779	0.6801437	0.0096318	0.0470502
Annual	ROG_IDLEX	0	0	0	0	0.0205969	0.016675535	0.019532359	0.478467867	0.0540099	0	0	0.3784537	0
Annual	ROG_RESTL	0.0605054	0.1276575	0.09428	0.1123707	0.0018617	0.001163571	0.000530925	5.3773E-06	0.0013143	0.0004211	1.0378942	0.0008259	0.3899801
Annual	ROG_RUNEX	0.009525	0.0273636	0.0172782	0.0221205	0.0420802	0.044846026	0.013907703	0.024598555	0.0269521	0.0852445	2.5559418	0.0825167	0.0457563
Annual	ROG_RUNLS	0.0233883	0.0705334	0.0446526	0.0498607	0.170765	0.097346034	0.022671165	8.25136E-05	0.071348	0.0010548	0.4968549	0.0141989	0.0109434
Annual	ROG_STREX	0.1659802	0.2544794	0.2339661	0.2869965	0.0635494	0.04329847	0.057182577	2.45556E-06	0.1043913	0.0387336	1.595072	0.0376798	0.0834379
Annual	SO2_IDLEX	0	0	0	0	8.484E-05	0.000127303	0.000604711	0.010181644	0.0008574	0	0	0.0034388	0
Annual	SO2_RUNEX	0.0026318	0.0030995	0.0032531	0.0039762	0.0062545	0.00620915	0.00969353	0.012508621	0.012888	0.0013278	0.0022114	0.0102347	0.0142217
Annual	SO2_STREX	0.0004896	0.0005841	0.000619	0.0007512	0.0001145	8.67577E-05	0.000112496	7.77507E-07	0.0001817	7.819E-05	0.0005641	5.82E-05	0.0001793
Annual	TOG_DIURN	0.069468	0.1633933	0.102135	0.1165603	0.0031859	0.001923388	0.000841336	7.87354E-06	0.0026323	0.000623	1.6973785	0.001569	0.9280268
Annual	TOG_HTSK	0.0923229	0.1752381	0.1131858	0.1290811	0.0712998	0.047090624	0.024889998	0.000201189	0.0226825	0.0050779	0.6801437	0.0096318	0.0470502
Annual	TOG_IDLEX	0	0	0	0	0.0290167	0.022705025	0.026887154	0.551096132	0.0700678	0	0	0.5455797	0
Annual	TOG_RESTL	0.0605054	0.1276575	0.09428	0.1123707	0.0018617	0.001163571	0.000530925	5.3773E-06	0.0013143	0.0004211	1.0378942	0.0008259	0.3899801
Annual	TOG_RUNEX	0.0138475	0.0399069	0.0251537	0.0321343	0.0529694	0.053139296	0.01814562	0.109031816	0.0371072	5.9707931	3.191232	0.0991798	0.0615305
Annual	TOG_RUNLS	0.0233883	0.0705334	0.0446526	0.0498607	0.170765	0.097346034	0.022671165	8.25136E-05	0.071348	0.0010548	0.4968549	0.0141989	0.0109434
Annual	TOG_STREX	0.1817275	0.2786227	0.2561633	0.3142239	0.0695786	0.047406375	0.062607725	2.68853E-06	0.1142953	0.0424084	1.7366578	0.0412546	0.091354
Summer	CH4_IDLEX	0	0	0	0	0.0053761	0.003747939	0.004203641	0.028511258	0.0084017	0	0	0.0780221	0
Summer	CH4_RUNEX	0.0028292	0.007091	0.0047109	0.0060286	0.0050878	0.003574332	0.002141288	0.080796437	0.0050478	5.8457503	0.3726993	0.0067846	0.0088559
Summer	CH4_STREX	0.0413817	0.0575926	0.055953	0.0661051	0.0141931	0.009797129	0.011708095	5.15116E-07	0.0205527	0.0099367	0.2087451	0.0063039	0.0217151
Summer	CO_IDLEX	0	0	0	0	0.1880428	0.15020591	0.33614153	6.614680042	0.6057805	0	0	3.1069229	0

Summer	CO_RUNEX	0.7333797	1.408406	1.0284793	1.1873766	0.5769349	0.389608117	0.284017669	0.459580012	0.6266804	45.423437	18.147893	0.5757989	0.9963063
Summer	CO_STREX	1.7410438	1.863367	2.1825916	2.4898115	1.0342149	0.687546034	1.305473735	0.009065344	2.2147005	0.6285117	7.7717616	0.7877367	1.9228398
Summer	CO2_NBIO_IDLEX	0	0	0	0	8.8131527	13.35562063	64.72740237	1113.069069	89.135867	0	0	361.51282	0
Summer	CO2_NBIO_RUNEX	279.34236	326.72449	346.86523	423.99341	652.996	654.0725529	1030.648812	1398.543134	1355.7221	1987.99	222.30364	1086.0063	1475.2732
Summer	CO2_NBIO_STREX	52.16112	61.905098	66.352357	80.651399	11.972614	9.159220262	11.93957872	0.084151062	18.808733	8.2725064	57.318401	5.6754419	18.648697
Summer	NOX_IDLEX	0	0	0	0	0.0514367	0.081516643	0.344271757	5.497732375	0.3324624	0	0	3.0898482	0
Summer	NOX_RUNEX	0.0314334	0.0910964	0.0655987	0.0849117	0.5163176	0.666666221	1.019443652	2.5644129	1.0884472	0.4658554	0.9882573	4.130506	0.9676642
Summer	NOX_STREX[3]	0.1580685	0.2185242	0.235447	0.2864915	0.3019845	0.209100507	1.577426763	2.349899386	0.8269003	0.077337	0.2500233	0.9508335	0.2369549
Summer	PM10_IDLEX	0	0	0	0	0.0007836	0.001275852	0.000277787	0.00277905	0.000105	0	0	0.0030311	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.061065773	0.13034	0.0726803	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0097291	0.010571401	0.012000003	0.0355935	0.012	0.0318756	0.004	0.0106101	0.0130061
Summer	PM10_RUNEX	0.0017127	0.0024947	0.0018262	0.0019587	0.0059884	0.009626651	0.006129862	0.018509047	0.0070871	0.0032067	0.0024798	0.025098	0.0183051
Summer	PM10_STREX	0.0017623	0.0024463	0.0018187	0.0019377	0.0002682	0.000152021	0.000134664	1.35134E-06	0.0002	5.657E-05	0.0031545	6.024E-05	0.0002672
Summer	PM25_IDLEX	0	0	0	0	0.0007497	0.001220659	0.00026577	0.002658829	0.0001005	0	0	0.0029	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026171045	0.05586	0.0311487	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024323	0.00264285	0.003000001	0.008898375	0.003	0.0079689	0.001	0.0026525	0.0032515
Summer	PM25_RUNEX	0.0015777	0.0022954	0.0016808	0.0018056	0.0057009	0.009193948	0.005858162	0.017708314	0.0067657	0.0030642	0.002316	0.0239975	0.017474
Summer	PM25_STREX	0.0016204	0.0022494	0.0016722	0.0017819	0.0002466	0.000139778	0.000123819	1.24251E-06	0.0001839	5.201E-05	0.0029646	5.539E-05	0.0002457
Summer	ROG_DIURN	0.074679	0.1781454	0.106998	0.1228088	0.0034572	0.002107869	0.000924745	9.22711E-06	0.0026502	0.0008608	1.7062643	0.0014874	1.0376044
Summer	ROG_HTSK	0.0977901	0.1899936	0.1198829	0.1368118	0.0766221	0.051290753	0.026901082	0.000233609	0.0227302	0.0076581	0.6934909	0.0091168	0.0521752
Summer	ROG_IDLEX	0	0	0	0	0.0214182	0.017294514	0.019988167	0.479629877	0.0536896	0	0	0.360963	0
Summer	ROG_RESTL	0.0645108	0.1377193	0.0980673	0.1175404	0.0020042	0.001253122	0.000573297	6.29508E-06	0.0013153	0.0005998	1.0501442	0.0007738	0.4280211
Summer	ROG_RUNEX	0.0108727	0.0311032	0.0192318	0.0255623	0.0451047	0.046863897	0.015449276	0.024855871	0.0293774	0.0851919	2.5359613	0.0876148	0.05079
Summer	ROG_RUNLS	0.0240157	0.0756596	0.0457042	0.0514073	0.1809964	0.107261899	0.024318264	9.71104E-05	0.0709869	0.0016648	0.5125346	0.0136021	0.0122507
Summer	ROG_STREX	0.1820684	0.2822404	0.2557804	0.3198835	0.0696159	0.047957982	0.061490873	2.72272E-06	0.1078431	0.0427911	1.6014928	0.0363666	0.0873796
Summer	SO2_IDLEX	0	0	0	0	8.56E-05	0.000128033	0.000615482	0.010334377	0.0008482	0	0	0.0034522	0
Summer	SO2_RUNEX	0.0027078	0.0031676	0.0033624	0.0041085	0.0063745	0.006328658	0.009854428	0.012702254	0.0131073	0.0014048	0.0021999	0.0103938	0.0144929
Summer	SO2_STREX	0.0005057	0.0006002	0.0006433	0.0007819	0.0001185	9.06379E-05	0.000118152	8.32743E-07	0.0001861	8.186E-05	0.0005672	5.616E-05	0.0001845
Summer	TOG_DIURN	0.074679	0.1781454	0.106998	0.1228088	0.0034572	0.002107869	0.000924745	9.22711E-06	0.0026502	0.0008608	1.7062643	0.0014874	1.0376044
Summer	TOG_HTSK	0.0977901	0.1899936	0.1198829	0.1368118	0.0766221	0.051290753	0.026901082	0.000233609	0.0227302	0.0076581	0.6934909	0.0091168	0.0521752
Summer	TOG_IDLEX	0	0	0	0	0.0302578	0.023647824	0.027532076	0.552295727	0.0697898	0	0	0.5199314	0
Summer	TOG_RESTL	0.0645108	0.1377193	0.0980673	0.1175404	0.0020042	0.001253122	0.000573297	6.29508E-06	0.0013153	0.0005998	1.0501442	0.0007738	0.4280211
Summer	TOG_RUNEX	0.0158053	0.0453558	0.0280033	0.0371066	0.0572973	0.055834045	0.02040387	0.108585667	0.0407209	5.9679277	3.1604134	0.1053168	0.0689061
Summer	TOG_RUNLS	0.0240157	0.0756596	0.0457042	0.0514073	0.1809964	0.107261899	0.024318264	9.71104E-05	0.0709869	0.0016648	0.5125346	0.0136021	0.0122507
Summer	TOG_STREX	0.1993414	0.3090171	0.2800471	0.3502289	0.0762206	0.052507953	0.067324766	2.98104E-06	0.1180746	0.0468509	1.7434648	0.0398168	0.0956696

Winter	CH4_IDLEX	0	0	0	0	0.0051306	0.003554097	0.004659413	0.019312298	0.008171	0	0	0.081917	0
Winter	CH4_RUNEX	0.0023135	0.005825	0.0039315	0.0048813	0.0044356	0.003237606	0.001787223	0.000986559	0.0043905	5.8485351	0.3837084	0.0063019	0.0076203
Winter	CH4_STREX	0.0433662	0.0601486	0.0587898	0.0683684	0.0135565	0.009265994	0.011492988	4.88737E-07	0.0209078	0.0098939	0.2371877	0.0075038	0.0222026
Winter	CO_IDLEX	0	0	0	0	0.185433	0.147749892	0.487629697	6.732125113	0.6254191	0	0	3.3391935	0
Winter	CO_RUNEX	0.604776	1.143058	0.8496768	0.9489649	0.4996213	0.347556079	0.239037575	0.244241578	0.5465322	45.432896	18.880669	0.5375686	0.805871
Winter	CO_STREX	2.0273722	2.1809113	2.5499806	2.845045	1.0409911	0.681093419	1.282834255	0.008854017	2.2887679	0.7286724	8.7178404	1.0278341	1.9627346
Winter	CO2_NBIO_IDLEX	0	0	0	0	8.7403133	13.28641015	63.61070858	1107.92682	92.619721	0	0	344.60484	0
Winter	CO2_NBIO_RUNEX	255.94564	303.81004	320.35387	394.5386	641.00129	642.0240661	1013.999403	1323.932382	1333.7913	1980.9041	225.04832	1068.9167	1447.9321
Winter	CO2_NBIO_STREX	51.153242	60.991179	64.680907	78.439615	11.666748	8.829115837	11.49874034	0.079405284	18.615013	8.0764708	59.28547	6.2450882	18.331178
Winter	NOX_IDLEX	0	0	0	0	0.0504264	0.078666188	0.351681562	5.942391904	0.3825227	0	0	2.8436986	0
Winter	NOX_RUNEX	0.0309987	0.089235	0.0642864	0.0807205	0.4748469	0.606181131	1.069974893	2.635382723	1.1639329	0.4645819	1.105315	4.0303783	0.9850523
Winter	NOX_STREX[3]	0.1627322	0.2222478	0.2357723	0.2830551	0.2991327	0.205247274	1.599836786	2.348475437	0.8515676	0.0745839	0.266952	1.0089948	0.2487088
Winter	PM10_IDLEX	0	0	0	0	0.0008154	0.001305187	0.000339232	0.003388778	0.0001395	0	0	0.0039414	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060040493	0.13034	0.0726803	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0097826	0.010613742	0.012000003	0.034995553	0.012	0.0318756	0.004	0.0105681	0.0130313
Winter	PM10_RUNEX	0.0016549	0.0023497	0.0017734	0.0018649	0.0057485	0.009497977	0.006149675	0.018533919	0.0073393	0.0032446	0.0025427	0.0232618	0.0172865
Winter	PM10_STREX	0.0016911	0.0022896	0.0017548	0.0018223	0.0002537	0.000143133	0.000127756	1.19274E-06	0.0002013	7.137E-05	0.0030379	6.573E-05	0.0002549
Winter	PM25_IDLEX	0	0	0	0	0.0007801	0.001248725	0.000324557	0.003242181	0.0001335	0	0	0.0037709	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02573164	0.05586	0.0311487	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024456	0.002653436	0.003000001	0.008748888	0.003	0.0079689	0.001	0.002642	0.0032578
Winter	PM25_RUNEX	0.0015241	0.002162	0.0016322	0.0017191	0.0054721	0.009071327	0.00587713	0.01773211	0.0070068	0.0030994	0.0023736	0.02224	0.0165008
Winter	PM25_STREX	0.0015549	0.0021052	0.0016135	0.0016756	0.0002332	0.000131606	0.000117467	1.09668E-06	0.0001851	6.562E-05	0.0028511	6.043E-05	0.0002344
Winter	ROG_DIURN	0.0437078	0.1057681	0.0633202	0.071574	0.0022616	0.001333347	0.000575907	5.21496E-06	0.0018913	0.0004301	1.1615661	0.0010829	0.7225319
Winter	ROG_HTSK	0.0962553	0.1879605	0.1180087	0.133663	0.0793122	0.050800702	0.025927166	0.000222087	0.0235071	0.0053044	0.7986776	0.0098617	0.0554969
Winter	ROG_IDLEX	0	0	0	0	0.0205969	0.016675535	0.02124214	0.41578849	0.0503383	0	0	0.3784186	0
Winter	ROG_RESTL	0.0418782	0.0881144	0.065593	0.078323	0.0013351	0.000816929	0.000370195	3.56311E-06	0.0009307	0.0002873	0.61772	0.0005729	0.2881477
Winter	ROG_RUNEX	0.0088101	0.0254726	0.0160218	0.0205708	0.0415449	0.044667386	0.01370095	0.019986164	0.0263693	0.0852095	2.6266291	0.0820404	0.0446463
Winter	ROG_RUNLS	0.0284549	0.0902014	0.05652	0.0623869	0.1911975	0.109954428	0.025908897	8.95339E-05	0.0784838	0.0014176	0.6158099	0.0194462	0.0118381
Winter	ROG_STREX	0.1902043	0.2930792	0.2683895	0.3294411	0.0664751	0.045291801	0.060058414	2.57905E-06	0.1097961	0.0425328	1.8355521	0.0433048	0.0877648
Winter	SO2_IDLEX	0	0	0	0	8.484E-05	0.000127303	0.000604403	0.010467143	0.000881	0	0	0.0032939	0
Winter	SO2_RUNEX	0.002481	0.0029454	0.0031053	0.0038228	0.0062543	0.006209077	0.009693445	0.012508608	0.0128878	0.0013278	0.002227	0.0102345	0.0142212
Winter	SO2_STREX	0.0004959	0.0005913	0.0006271	0.0007605	0.0001155	8.73713E-05	0.000113789	7.8578E-07	0.0001842	7.992E-05	0.0005867	6.18E-05	0.0001814
Winter	TOG_DIURN	0.0437078	0.1057681	0.0633202	0.071574	0.0022616	0.001333347	0.000575907	5.21496E-06	0.0018913	0.0004301	1.1615661	0.0010829	0.7225319
Winter	TOG_HTSK	0.0962553	0.1879605	0.1180087	0.133663	0.0793122	0.050800702	0.025927166	0.000222087	0.0235071	0.0053044	0.7986776	0.0098617	0.0554969
Winter	TOG_IDLEX	0	0	0	0	0.0290167	0.022705025	0.029546064	0.473343546	0.065888	0	0	0.5455397	0
Winter	TOG_RESTL	0.0418782	0.0881144	0.065593	0.078323	0.0013351	0.000816929	0.000370195	3.56311E-06	0.0009307	0.0002873	0.61772	0.0005729	0.2881477
Winter	TOG_RUNEX	0.0128043	0.0371477	0.0233203	0.0298733	0.0521883	0.052878625	0.017843927	0.02287013	0.0362568	5.9707421	3.2774427	0.0984848	0.0599109
Winter	TOG_RUNLS	0.0284549	0.0902014	0.05652	0.0623869	0.1911975	0.109954428	0.025908897	8.95339E-05	0.0784838	0.0014176	0.6158099	0.0194462	0.0118381
Winter	TOG_STREX	0.2082498	0.3208845	0.2938526	0.360695	0.0727819	0.049588822	0.065756404	2.82374E-06	0.1202129	0.046568	1.9984049	0.0474133	0.0960914

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained from EMFAC2017 Version 1.0.3.

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Source: EMFAC2017 (v1.0.3) Emission Rates
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2024
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX, RESTLOSS and DIURN

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	VMT	Trips	NOx_RUNEX	NOx_IDLEX	NOx_STREX	PM2.5_RUNEX	PM2.5_IDLEX	PM2.5_STREX	PM2.5_PMTW	PM2.5_PMBW
Los Angeles (SC)	2024	HHDT	Aggregate	Aggregate	Gasoline	52.04562781	6082.283607	1041.328921	3.152319534	0	0.482124251	0.001168614	0	0.000634999	0.005000001	0.026460008
Los Angeles (SC)	2024	HHDT	Aggregate	Aggregate	Diesel	58992.86024	7091846.402	590351.8228	2.579894648	54.65135495	2.397693073	0.018048073	0.024615529	0	0.008900988	0.026168904
Los Angeles (SC)	2024	HHDT	Aggregate	Aggregate	Natural Gas	2963.309642	120685.728	11556.9076	2.339421392	21.57363249	0	0.005475179	0.028601547	0	0.009000003	0.026460008
Los Angeles (SC)	2024	LDA	Aggregate	Aggregate	Gasoline	4021900.074	148818024	18978442.95	0.028702469	0	0.153627171	0.001512854	0	0.001605277	0.002000001	0.015750005
Los Angeles (SC)	2024	LDA	Aggregate	Aggregate	Diesel	38501.07281	1479530.051	182905.2219	0.050935115	0	0	0.006532623	0	0	0.002000001	0.015750005
Los Angeles (SC)	2024	LDA	Aggregate	Aggregate	Electricity	106845.8544	4518575.527	531934.2031	0	0	0	0	0	0	0.002000001	0.015750005
Los Angeles (SC)	2024	LDT1	Aggregate	Aggregate	Gasoline	486400.7655	17673621.24	2255127.586	0.0810743	0	0.20494717	0.002143758	0	0.002122675	0.002000001	0.015750005
Los Angeles (SC)	2024	LDT1	Aggregate	Aggregate	Diesel	234.7727133	5684.021112	832.856787	0.87406191	0	0	0.121913859	0	0	0.002000001	0.015750005
Los Angeles (SC)	2024	LDT1	Aggregate	Aggregate	Electricity	5879.20802	255127.5247	29473.49424	0	0	0	0	0	0	0.002000001	0.015750005
Los Angeles (SC)	2024	LDT2	Aggregate	Aggregate	Gasoline	1423190.933	52511432.89	6691338.255	0.058929796	0	0.219813211	0.001617987	0	0.001644924	0.002000001	0.015750005
Los Angeles (SC)	2024	LDT2	Aggregate	Aggregate	Diesel	10554.80961	427072.609	51733.15953	0.040373761	0	0	0.005063107	0	0	0.002000001	0.015750005
Los Angeles (SC)	2024	LDT2	Aggregate	Aggregate	Electricity	22560.95292	705898.5423	113549.0395	0	0	0	0	0	0	0.002000001	0.015750005
Los Angeles (SC)	2024	LHDT1	Aggregate	Aggregate	Gasoline	105026.6205	3766959.671	1564740.156	0.143783387	0.035884306	0.451325091	0.001232024	0	0.000370797	0.002000001	0.032760009
Los Angeles (SC)	2024	LHDT1	Aggregate	Aggregate	Diesel	73357.19754	3028301.786	922741.2616	0.839056597	1.65854239	0	0.010746438	0.026453247	0	0.003000001	0.032760009
Los Angeles (SC)	2024	LHDT2	Aggregate	Aggregate	Gasoline	18080.14015	625803.0034	269367.1488	0.143201917	0.036025021	0.465589807	0.00112246	0	0.000314551	0.002000001	0.038220011
Los Angeles (SC)	2024	LHDT2	Aggregate	Aggregate	Diesel	29768.23755	1179926.342	374446.98	0.815198662	1.67947685	0	0.013287205	0.027006871	0	0.003000001	0.038220011
Los Angeles (SC)	2024	MCY	Aggregate	Aggregate	Gasoline	190348.3854	1288390.153	380696.7708	0.989329462	0	0.250113452	0.002373646	0	0.002851095	0.001	0.005040001
Los Angeles (SC)	2024	MDV	Aggregate	Aggregate	Gasoline	941489.7366	32284082.37	4376581.951	0.074859807	0	0.268197391	0.001666418	0	0.001736264	0.002000001	0.015750005
Los Angeles (SC)	2024	MDV	Aggregate	Aggregate	Diesel	23002.44645	870333.9934	112429.6903	0.034971127	0	0	0.004221515	0	0	0.002000001	0.015750005
Los Angeles (SC)	2024	MDV	Aggregate	Aggregate	Electricity	13602.33231	437604.9715	69087.01662	0	0	0	0	0	0	0.002000001	0.015750005
Los Angeles (SC)	2024	MH	Aggregate	Aggregate	Gasoline	18822.07195	191782.5832	1882.960078	0.225770714	0	0.316121344	0.00126222	0	0.000314828	0.003000001	0.055860016
Los Angeles (SC)	2024	MH	Aggregate	Aggregate	Diesel	6460.410652	66619.07665	646.0410652	2.978572647	0	0	0.060369335	0	0	0.004000001	0.055860016
Los Angeles (SC)	2024	MHDT	Aggregate	Aggregate	Gasoline	14759.51384	801587.7755	295308.3529	0.287087347	0.092707782	0.337433108	0.001033044	0	0.000383264	0.003000001	0.055860016
Los Angeles (SC)	2024	MHDT	Aggregate	Aggregate	Diesel	67593.21	4353533.246	668202.3486	1.162858863	4.710086044	2.149331785	0.00676904	0.003278679	0	0.003000001	0.055860016
Los Angeles (SC)	2024	OBUS	Aggregate	Aggregate	Gasoline	3958.891451	155997.8277	79209.50015	0.34618504	0.064944868	0.303112069	0.000953466	0	0.000257462	0.003000001	0.055860016
Los Angeles (SC)	2024	OBUS	Aggregate	Aggregate	Diesel	3186.166914	247114.6278	30968.90515	1.593398508	11.68107842	2.210417177	0.010828151	0.003553694	0	0.003000001	0.055860016
Los Angeles (SC)	2024	SBUS	Aggregate	Aggregate	Gasoline	1584.677682	62194.10493	6338.710727	0.314326268	0.925002889	0.560634584	0.001070308	0	0.000448526	0.002000001	0.319200087
Los Angeles (SC)	2024	SBUS	Aggregate	Aggregate	Diesel	3527.518186	111549.9025	40707.0708	5.850622779	39.14323714	1.072625529	0.034043005	0.035044495	0	0.003000001	0.319200091
Los Angeles (SC)	2024	UBUS	Aggregate	Aggregate	Gasoline	466.0453396	33378.61148	1864.181359	0.197624493	0	0.707070782	0.001705773	0	0.00065705	0.002835319	0.052955035
Los Angeles (SC)	2024	UBUS	Aggregate	Aggregate	Diesel	10.1389	1181.230112	40.5556	0.833128942	0	0	0.005859397	0	0	0.009000005	0.026460016
Los Angeles (SC)	2024	UBUS	Aggregate	Aggregate	Electricity	12	1070.403311	48	0	0	0	0	0	0	0.003000002	0.055860034
Los Angeles (SC)	2024	UBUS	Aggregate	Aggregate	Natural Gas	4178.335668	442305.8977	16713.34267	0.483264658	0	0	0.003204674	0	0	0.008365573	0.029455827

Vehicle Category	Fuel	PM10_RUNEX	PM10_IDLEX	PM10_STREX	PM10_PMTW	PM10_PMBW	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX
HHDT	Gasoline	0.001270975	0	0.000690619	0.020000006	0.061740018	1990.647364	0	45.49317604	0.091807535	0	0.000268442	0.126517626	0	0.012694669
HHDT	Diesel	0.018864126	0.025728534	0	0.035603951	0.061060777	1345.891948	11014.95487	0	0.000927595	0.227019474	0	0.211555472	1.731397513	0
HHDT	Natural Gas	0.005722742	0.029894782	0	0.03600001	0.061740018	3302.778143	3934.323514	0	4.818355641	1.295971793	0	0.67329293	0.802037586	0
LDA	Gasoline	0.001645367	0	0.001745885	0.008000002	0.036750011	274.7248308	0	51.3439853	0.002621102	0	0.039668218	0.003676861	0	0.022653594
LDA	Diesel	0.006827999	0	0	0.008000002	0.036750011	205.1068976	0	0	0.000777723	0	0	0.032239948	0	0
LDA	Electricity	0	0	0	0.008000002	0.036750011	0	0	0	0	0	0	0	0	0
LDT1	Gasoline	0.002331498	0	0.002308562	0.008000002	0.036750011	317.699211	0	59.81542644	0.006382351	0	0.053383831	0.006598441	0	0.025026998
LDT1	Diesel	0.127426263	0	0	0.008000002	0.036750011	456.5855263	0	0	0.008011193	0	0	0.071768886	0	0
LDT1	Electricity	0	0	0	0.008000002	0.036750011	0	0	0	0	0	0	0	0	0
LDT2	Gasoline	0.001759698	0	0.001788993	0.008000002	0.036750011	333.6677091	0	64.09539897	0.004357345	0	0.053015843	0.005314356	0	0.027438035
LDT2	Diesel	0.005292038	0	0	0.008000002	0.036750011	278.6127609	0	0	0.001038057	0	0	0.043794046	0	0
LDT2	Electricity	0	0	0	0.008000002	0.036750011	0	0	0	0	0	0	0	0	0
LHDT1	Gasoline	0.001339938	0	0.000403275	0.008000002	0.076440022	793.7586579	118.4471082	18.39660554	0.00598509	0.118265618	0.020665949	0.009261362	0.003196435	0.038158341
LHDT1	Diesel	0.011232344	0.027649346	0	0.012000003	0.076440022	451.0270695	126.7942031	0	0.002740428	0.005098128	0	0.070895174	0.019930283	0
LHDT2	Gasoline	0.001220778	0	0.000342103	0.008000002	0.089180026	911.1816578	136.8108067	20.95427164	0.004321681	0.118490451	0.021240295	0.009789453	0.003127988	0.038296014
LHDT2	Diesel	0.013887994	0.028228002	0	0.012000003	0.089180026	499.2810167	204.25865	0	0.002725725	0.005098128	0	0.078480023	0.032106615	0
MCY	Gasoline	0.002542707	0	0.003037883	0.004000001	0.011760003	223.4690605	0	57.00838224	0.375807389	0	0.207761246	0.059458575	0	0.014847302
MDV	Gasoline	0.001812301	0	0.001888262	0.008000002	0.036750011	408.8220417	0	79.06303304	0.005495584	0	0.062620726	0.006451674	0	0.029792517
MDV	Diesel	0.004412393	0	0	0.008000002	0.036750011	359.8140872	0	0	0.000654177	0	0	0.056557764	0	0
MDV	Electricity	0	0	0	0.008000002	0.036750011	0	0	0	0	0	0	0	0	0
MH	Gasoline	0.00137278	0	0.000342405	0.012000003	0.130340037	1624.174125	0	24.32996222	0.009538889	0	0.0282629	0.016897744	0	0.037343347
MH	Diesel	0.063098969	0	0	0.016000005	0.130340037	940.7432934	0	0	0.002941401	0	0	0.147871745	0	0
MHDT	Gasoline	0.00112353	0	0.000416834	0.012000003	0.130340037	1630.860205	554.4784864	37.0908083	0.00979821	0.253788188	0.035927186	0.016202856	0.008534845	0.028838466
MHDT	Diesel	0.007075106	0.003426926	0	0.012000003	0.130340037	900.4309974	785.5774991	0	0.000368374	0.003332209	0	0.141535214	0.123481843	0
OBUS	Gasoline	0.001036981	0	0.000280013	0.012000003	0.130340037	1652.993254	371.5087262	25.54114794	0.010831726	0.197508626	0.027719691	0.018033227	0.005700977	0.024490926
OBUS	Diesel	0.011317752	0.003714376	0	0.012000003	0.130340037	1132.324741	2654.954768	0	0.00052466	0.043779319	0	0.177985681	0.417321917	0
SBUS	Gasoline	0.001164058	0	0.000487813	0.008000002	0.744800204	847.0719496	2532.541451	43.65291578	0.009283665	2.405866484	0.048500466	0.019496221	0.090224812	0.05315322
SBUS	Diesel	0.035582278	0.036629051	0	0.012000003	0.744800213	1192.632741	3662.787377	0	0.004787616	0.012859693	0	0.187465258	0.575739168	0
UBUS	Gasoline	0.001855184	0	0.000714602	0.011341277	0.123561749	1860.425875	0	79.11918276	0.006110466	0	0.090628806	0.01818534	0	0.066387703
UBUS	Diesel	0.006124333	0	0	0.036000022	0.061740037	1797.757998	0	0	0.081191208	0	0	0.282582522	0	0
UBUS	Electricity	0	0	0	0.012000007	0.130340079	0	0	0	0	0	0	0	0	0
UBUS	Natural Gas	0.003349575	0	0	0.033462293	0.068730263	1995.280075	0	0	6.319002967	0	0	0.406750896	0	0

Vehicle Category	Fuel	ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_HOTSOAK	ROG_RUNLOSS	ROG_RESTLOSS	ROG_DIURN	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSOAK	TOG_RUNLOSS	TOG_RESTLOSS	TOG_DIURN
HHDT	Gasoline	0.449065567	0	0.001421816	0.116492234	0.571994168	0.062296199	0.091215132	0.655275421	0	0.00155671	0.116492234	0.571994168	0.062296199	0.091215132
HHDT	Diesel	0.019970876	4.887667011	0	0	0	0	0	0.022735322	5.564236836	0	0	0	0	0
HHDT	Natural Gas	0.275142356	0.052229403	0	0	0	0	0	5.152536793	1.361045668	0	0	0	0	0
LDA	Gasoline	0.009731736	0	0.172042768	0.095567732	0.19059856	0.295552913	0.338723971	0.014200527	0	0.188365176	0.095567732	0.19059856	0.295552913	0.338723971
LDA	Diesel	0.016743921	0	0	0	0	0	0	0.019061841	0	0	0	0	0	0
LDA	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996	0	0	0	0.004888026	0	0.015694905	0.040970996
LDT1	Gasoline	0.027681523	0	0.25761592	0.177351907	0.560372766	0.599030833	0.766468447	0.040388267	0	0.282056785	0.177351907	0.560372766	0.599030833	0.766468447
LDT1	Diesel	0.172476263	0	0	0	0	0	0	0.196352759	0	0	0	0	0	0
LDT1	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996	0	0	0	0.004888026	0	0.015694905	0.040970996
LDT2	Gasoline	0.01745057	0	0.239481808	0.115782899	0.357622131	0.453517936	0.490923487	0.025461446	0	0.262202356	0.115782899	0.357622131	0.453517936	0.490923487
LDT2	Diesel	0.022348756	0	0	0	0	0	0	0.025442573	0	0	0	0	0	0
LDT2	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996	0	0	0	0.004888026	0	0.015694905	0.040970996
LHDT1	Gasoline	0.028478378	0.411160823	0.101025041	0.113345892	0.741588292	0.044093483	0.075455249	0.041555583	0.599964908	0.110609704	0.113345892	0.741588292	0.044093483	0.075455249
LHDT1	Diesel	0.058999793	0.109759705	0	0	0	0	0	0.067167342	0.124954127	0	0	0	0	0
LHDT2	Gasoline	0.018756483	0.413082645	0.103487626	0.112551248	0.652568772	0.041433504	0.06848975	0.027369416	0.602769225	0.113305924	0.112551248	0.652568772	0.041433504	0.06848975
LHDT2	Diesel	0.058683257	0.109759705	0	0	0	0	0	0.066806987	0.124954127	0	0	0	0	0
MCY	Gasoline	2.555941825	0	1.595071992	0.680143671	1.681503426	2.075788412	3.394757077	3.191231958	0	1.736657833	0.680143671	1.681503426	2.075788412	3.394757077
MDV	Gasoline	0.022612087	0	0.298571082	0.134223341	0.382318501	0.543257734	0.563156492	0.032967682	0	0.326896612	0.134223341	0.382318501	0.543257734	0.563156492
MDV	Diesel	0.014084039	0	0	0	0	0	0	0.016033742	0	0	0	0	0	0
MDV	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996	0	0	0	0.004888026	0	0.015694905	0.040970996
MH	Gasoline	0.03965287	0	0.112065279	0.063193039	1.501778675	0.052399123	0.124693009	0.057861375	0	0.122697375	0.063193039	1.501778675	0.052399123	0.124693009
MH	Diesel	0.063326642	0	0	0	0	0	0	0.072093172	0	0	0	0	0	0
MHDT	Gasoline	0.046368089	0.946534915	0.186571171	0.081209282	0.39576462	0.03465916	0.054922962	0.067660207	1.381181526	0.204271948	0.081209282	0.39576462	0.03465916	0.054922962
MHDT	Diesel	0.007930984	0.07174155	0	0	0	0	0	0.009028821	0.081672293	0	0	0	0	0
OBUS	Gasoline	0.051753096	0.74454823	0.145205592	0.031550811	0.363103693	0.036578942	0.073257445	0.075517997	1.086443029	0.158981846	0.031550811	0.363103693	0.036578942	0.073257445
OBUS	Diesel	0.011295788	0.942556742	0	0	0	0	0	0.012859394	1.073029103	0	0	0	0	0
SBUS	Gasoline	0.045641826	10.61919568	0.279658724	0.071487083	0.389191096	0.024518888	0.046580435	0.066600445	15.49550541	0.306191102	0.071487083	0.389191096	0.024518888	0.046580435
SBUS	Diesel	0.103076061	0.276865661	0	0	0	0	0	0.117344249	0.31519048	0	0	0	0	0
UBUS	Gasoline	0.020106458	0	0.387840104	0.050845364	0.270424013	0.016865522	0.022996309	0.029339297	0	0.424636096	0.050845364	0.270424013	0.016865522	0.022996309
UBUS	Diesel	0.001160062	0	0	0	0	0	0	0.082861583	0	0	0	0	0	0
UBUS	Electricity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UBUS	Natural Gas	0.09059097	0	0	0	0	0	0	6.449338872	0	0	0	0	0	0

Vehicle Category	Fuel	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNEX	SOx_IDLEX	SOx_STREX
HHDT	Gasoline	32.47115446	0	4.821420014	0.019699069	0	0.000450192
HHDT	Diesel	0.221549409	66.56973608	0	0.01271532	0.104063832	0
HHDT	Natural Gas	13.70659359	19.84409544	0	0	0	0
LDA	Gasoline	0.709527548	0	1.731611796	0.002718625	0	0.00050809
LDA	Diesel	0.278066666	0	0	0.001938998	0	0
LDA	Electricity	0	0	0	0	0	0
LDT1	Gasoline	1.295355484	0	1.815250165	0.003143891	0	0.000591922
LDT1	Diesel	1.027022135	0	0	0.004316375	0	0
LDT1	Electricity	0	0	0	0	0	0
LDT2	Gasoline	0.975741086	0	2.146795109	0.003301912	0	0.000634276
LDT2	Diesel	0.200644576	0	0	0.002633893	0	0
LDT2	Electricity	0	0	0	0	0	0
LHDT1	Gasoline	0.688749214	3.756426068	1.570008768	0.007854885	0.00117213	0.000182049
LHDT1	Diesel	0.288504151	0.909745076	0	0.004263828	0.001198661	0
LHDT2	Gasoline	0.475089842	3.763353604	1.544479603	0.009016881	0.001353854	0.00020736
LHDT2	Diesel	0.28630699	0.909745076	0	0.004720001	0.001930979	0
MCY	Gasoline	18.04599793	0	7.785813933	0.002211408	0	0.000564144
MDV	Gasoline	1.101667274	0	2.429664295	0.004045626	0	0.000782393
MDV	Diesel	0.275313969	0	0	0.003401537	0	0
MDV	Electricity	0	0	0	0	0	0
MH	Gasoline	1.035687694	0	2.465106207	0.01607252	0	0.000240765
MH	Diesel	0.24329025	0	0	0.008893407	0	0
MHDT	Gasoline	1.150944634	10.47403246	3.936368444	0.016138684	0.005487014	0.000367044
MHDT	Diesel	0.076880154	2.473822702	0	0.008506826	0.007421747	0
OBUS	Gasoline	1.253287067	5.764219411	2.977553077	0.016357708	0.00367638	0.00025275
OBUS	Diesel	0.121999837	14.02476586	0	0.010697643	0.025082696	0
SBUS	Gasoline	0.975507878	82.10533025	6.014844172	0.008382464	0.025061551	0.000431981
SBUS	Diesel	0.308825458	6.613895809	0	0.011267403	0.034604199	0
UBUS	Gasoline	0.319521145	0	6.27230353	0.018410422	0	0.000782948
UBUS	Diesel	0.138155785	0	0	0.016995278	0	0
UBUS	Electricity	0	0	0	0	0	0
UBUS	Natural Gas	49.0688743	0	0	0	0	0

Source: EMFAC2017 (v1.0.3) Emission Rates
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2023
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX, RESTLOSS and DIURN

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	VMT	Trips	NOx_RUNEX	NOx_IDLEX	NOx_STREX
Los Angeles (SC)	2023	HHDT	Aggregate	Aggregate	Gasoline	52.86814563	5904.510911	1057.785858	3.364862849	0	0.573516323
Los Angeles (SC)	2023	HHDT	Aggregate	Aggregate	Diesel	57613.01744	6949256.203	573406.4887	2.562164584	54.77596626	2.397861175
Los Angeles (SC)	2023	HHDT	Aggregate	Aggregate	Natural Gas	2795.817267	113851.643	10903.68734	2.660132718	22.31465425	0
Los Angeles (SC)	2023	LDA	Aggregate	Aggregate	Gasoline	3986929.129	149418105.6	18815397.63	0.031911835	0	0.163176089
Los Angeles (SC)	2023	LDA	Aggregate	Aggregate	Diesel	36740.62878	1426244.815	174171.2985	0.06118556	0	0
Los Angeles (SC)	2023	LDA	Aggregate	Aggregate	Electricity	91678.53845	3806341.937	457107.9273	0	0	0
Los Angeles (SC)	2023	LDT1	Aggregate	Aggregate	Gasoline	472375.6724	17372474.6	2187811.198	0.092030117	0	0.221195518
Los Angeles (SC)	2023	LDT1	Aggregate	Aggregate	Diesel	252.4118747	6132.921962	894.9059766	0.933379876	0	0
Los Angeles (SC)	2023	LDT1	Aggregate	Aggregate	Electricity	4635.248736	196781.6242	23233.68477	0	0	0
Los Angeles (SC)	2023	LDT2	Aggregate	Aggregate	Gasoline	1397479.324	52162943.36	6567821.268	0.066429887	0	0.240187844
Los Angeles (SC)	2023	LDT2	Aggregate	Aggregate	Diesel	9765.230182	404272.1374	48008.05802	0.042917129	0	0
Los Angeles (SC)	2023	LDT2	Aggregate	Aggregate	Electricity	18283.62829	584568.8418	92279.45183	0	0	0
Los Angeles (SC)	2023	LHDT1	Aggregate	Aggregate	Gasoline	105195.9307	3800052.408	1567262.626	0.161544231	0.036967818	0.468678155
Los Angeles (SC)	2023	LHDT1	Aggregate	Aggregate	Diesel	68776.35703	2893383.107	865120.0508	0.982262564	1.762594854	0
Los Angeles (SC)	2023	LHDT2	Aggregate	Aggregate	Gasoline	17937.98852	625878.5235	267249.3013	0.161271624	0.037086134	0.483429377
Los Angeles (SC)	2023	LHDT2	Aggregate	Aggregate	Diesel	27873.77545	1126544.027	350617.0299	0.947450298	1.783078815	0
Los Angeles (SC)	2023	MCY	Aggregate	Aggregate	Gasoline	183955.3723	1265084.637	367910.7446	0.988257287	0	0.250023295
Los Angeles (SC)	2023	MDV	Aggregate	Aggregate	Gasoline	931795.9713	32264362.15	4326648.043	0.086883466	0	0.296555941
Los Angeles (SC)	2023	MDV	Aggregate	Aggregate	Diesel	21297.50738	823486.0536	104465.3428	0.038847163	0	0
Los Angeles (SC)	2023	MDV	Aggregate	Aggregate	Electricity	10378.92649	342100.1259	52903.33041	0	0	0
Los Angeles (SC)	2023	MH	Aggregate	Aggregate	Gasoline	18786.35518	191391.548	1879.386973	0.254377719	0	0.314706508
Los Angeles (SC)	2023	MH	Aggregate	Aggregate	Diesel	6166.797629	64319.47927	616.6797629	3.090147102	0	0
Los Angeles (SC)	2023	MHDT	Aggregate	Aggregate	Gasoline	14623.10816	797300.0842	292579.148	0.339860999	0.092579286	0.344363567
Los Angeles (SC)	2023	MHDT	Aggregate	Aggregate	Diesel	64520.19017	4246866.496	635166.6395	1.147027438	4.929354276	2.145417204
Los Angeles (SC)	2023	OBUS	Aggregate	Aggregate	Gasoline	3965.955178	159342.8081	79350.83121	0.381809738	0.064925814	0.306346202
Los Angeles (SC)	2023	OBUS	Aggregate	Aggregate	Diesel	3071.453276	241091.7355	29880.37194	1.555479362	11.73964501	2.209292637
Los Angeles (SC)	2023	SBUS	Aggregate	Aggregate	Gasoline	1481.565044	58916.21473	5926.260176	0.336843173	0.924731539	0.565950074
Los Angeles (SC)	2023	SBUS	Aggregate	Aggregate	Diesel	3497.078427	110638.3688	40355.80019	6.150675456	40.50080497	1.007353687
Los Angeles (SC)	2023	UBUS	Aggregate	Aggregate	Gasoline	463.3229945	33183.96593	1853.291978	0.240515462	0	0.774383162
Los Angeles (SC)	2023	UBUS	Aggregate	Aggregate	Diesel	10.1389	1181.230112	40.5556	0.832391744	0	0
Los Angeles (SC)	2023	UBUS	Aggregate	Aggregate	Electricity	12	1070.403311	48	0	0	0
Los Angeles (SC)	2023	UBUS	Aggregate	Aggregate	Natural Gas	4153.840831	439713.4848	16615.36332	0.483010528	0	0

Vehicle Category	Fuel	PM2.5_RUNEX	PM2.5_IDLEX	PM2.5_STREX	PM2.5_PMTW	PM2.5_PMBW	PM10_RUNEX	PM10_IDLEX	PM10_STREX	PM10_PMTW	PM10_PMBW
HHDT	Gasoline	0.001168797	0	0.00068759	0.005000001	0.026460008	0.001271173	0	0.000747817	0.020000006	0.061740018
HHDT	Diesel	0.017915733	0.025440008	0	0.008900022	0.026166066	0.018725802	0.026590292	0	0.03560009	0.061054154
HHDT	Natural Gas	0.005905714	0.032447713	0	0.009000003	0.026460008	0.006172744	0.033914855	0	0.03600001	0.061740018
LDA	Gasoline	0.001548805	0	0.0016663	0.002000001	0.015750005	0.001684451	0	0.001812204	0.008000002	0.036750011
LDA	Diesel	0.007984604	0	0	0.002000001	0.015750005	0.008345632	0	0	0.008000002	0.036750011
LDA	Electricity	0	0	0	0.002000001	0.015750005	0	0	0	0.008000002	0.036750011
LDT1	Gasoline	0.002275922	0	0.002268025	0.002000001	0.015750005	0.002475186	0	0.002466583	0.008000002	0.036750011
LDT1	Diesel	0.129879233	0	0	0.002000001	0.015750005	0.135751795	0	0	0.008000002	0.036750011
LDT1	Electricity	0	0	0	0.002000001	0.015750005	0	0	0	0.008000002	0.036750011
LDT2	Gasoline	0.001660405	0	0.001699293	0.002000001	0.015750005	0.001805812	0	0.001848101	0.008000002	0.036750011
LDT2	Diesel	0.005651094	0	0	0.002000001	0.015750005	0.005906612	0	0	0.008000002	0.036750011
LDT2	Electricity	0	0	0	0.002000001	0.015750005	0	0	0	0.008000002	0.036750011
LHDT1	Gasoline	0.001237149	0	0.000382701	0.002000001	0.032760009	0.001345512	0	0.000416222	0.008000002	0.076440022
LHDT1	Diesel	0.011563389	0.026513959	0	0.003000001	0.032760009	0.012086234	0.027712802	0	0.012000003	0.076440022
LHDT2	Gasoline	0.001122884	0	0.000323159	0.002000001	0.038220011	0.001221239	0	0.000351465	0.008000002	0.089180026
LHDT2	Diesel	0.01367802	0.027057835	0	0.003000001	0.038220011	0.014296479	0.02828127	0	0.012000003	0.089180026
MCY	Gasoline	0.002315976	0	0.002964598	0.001	0.005040001	0.002479827	0	0.003154505	0.004000001	0.011760003
MDV	Gasoline	0.001745095	0	0.001837317	0.002000001	0.015750005	0.001897701	0	0.001997989	0.008000002	0.036750011
MDV	Diesel	0.004576451	0	0	0.002000001	0.015750005	0.004783377	0	0	0.008000002	0.036750011
MDV	Electricity	0	0	0	0.002000001	0.015750005	0	0	0	0.008000002	0.036750011
MH	Gasoline	0.001292344	0	0.000326274	0.003000001	0.055860016	0.001405542	0	0.000354852	0.012000003	0.130340037
MH	Diesel	0.065624711	0	0	0.004000001	0.055860016	0.068591969	0	0	0.016000005	0.130340037
MHDT	Gasoline	0.001018159	0	0.00039262	0.003000001	0.055860016	0.001107341	0	0.00042701	0.012000003	0.130340037
MHDT	Diesel	0.006766816	0.003821548	0	0.003000001	0.055860016	0.007072782	0.003994341	0	0.012000003	0.130340037
OBUS	Gasoline	0.000916033	0	0.000253151	0.003000001	0.055860016	0.00099627	0	0.000275325	0.012000003	0.130340037
OBUS	Diesel	0.010631906	0.003572935	0	0.003000001	0.055860016	0.011112634	0.003734487	0	0.012000003	0.130340037
SBUS	Gasoline	0.001048133	0	0.000432573	0.002000001	0.319200087	0.00113994	0	0.000470462	0.008000002	0.744800204
SBUS	Diesel	0.036218379	0.038379848	0	0.003000001	0.319200091	0.037856013	0.040115214	0	0.012000003	0.744800213
UBUS	Gasoline	0.001322573	0	0.000520811	0.002835319	0.052955035	0.001438418	0	0.000566429	0.011341277	0.123561749
UBUS	Diesel	0.005871913	0	0	0.009000005	0.026460016	0.006137414	0	0	0.036000022	0.061740037
UBUS	Electricity	0	0	0	0.003000002	0.055860034	0	0	0	0.012000007	0.130340079
UBUS	Natural Gas	0.003195565	0	0	0.008365639	0.029455499	0.003340054	0	0	0.033462558	0.068729498

Vehicle Category	Fuel	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX
HHDT	Gasoline	2038.656885	0	46.56834423	0.097277535	0	0.00028506	0.130714018	0	0.014977985
HHDT	Diesel	1365.86444	11114.13157	0	0.000918918	0.226217189	0	0.214694869	1.74698671	0
HHDT	Natural Gas	3359.982145	4018.973869	0	4.955491409	1.307854486	0	0.68495434	0.819294114	0
LDA	Gasoline	281.3015855	0	52.81785836	0.002919985	0	0.042770058	0.003915989	0	0.023587646
LDA	Diesel	209.5617715	0	0	0.000872156	0	0	0.032940192	0	0
LDA	Electricity	0	0	0	0	0	0	0	0	0
LDT1	Gasoline	324.6769099	0	61.46471225	0.007192866	0	0.058366554	0.007253457	0	0.026175364
LDT1	Diesel	461.0331077	0	0	0.008481451	0	0	0.072467984	0	0
LDT1	Electricity	0	0	0	0	0	0	0	0	0
LDT2	Gasoline	344.110029	0	66.39525006	0.004792141	0	0.057148139	0.005794266	0	0.029081432
LDT2	Diesel	284.8409516	0	0	0.001045686	0	0	0.044773031	0	0
LDT2	Electricity	0	0	0	0	0	0	0	0	0
LHDT1	Gasoline	801.8189766	119.6615911	18.58142952	0.006788753	0.120974544	0.022027677	0.010237061	0.003242331	0.039210285
LHDT1	Diesel	457.5379283	128.6640929	0	0.00285385	0.005098128	0	0.071918591	0.020224204	0
LHDT2	Gasoline	920.1125307	138.1885718	21.17563561	0.004919741	0.121174187	0.022650447	0.010836735	0.003167963	0.039343763
LHDT2	Diesel	506.2676696	207.1180963	0	0.002826859	0.005098128	0	0.079578227	0.03255608	0
MCY	Gasoline	222.3036407	0	57.31840101	0.372699289	0	0.208745074	0.059431566	0	0.014849386
MDV	Gasoline	421.1997107	0	81.88973059	0.006229093	0	0.068509455	0.007189954	0	0.031792196
MDV	Diesel	367.984445	0	0	0.00067688	0	0	0.05784203	0	0
MDV	Electricity	0	0	0	0	0	0	0	0	0
MH	Gasoline	1650.565682	0	24.76785925	0.010824774	0	0.028840415	0.018146901	0	0.036750125
MH	Diesel	953.6662397	0	0	0.002997334	0	0	0.149903052	0	0
MHDT	Gasoline	1656.325004	561.8364366	37.85947815	0.011586887	0.251678638	0.037125461	0.018362571	0.008374107	0.028795658
MHDT	Diesel	913.1853408	803.388517	0	0.000367987	0.003403378	0	0.143540019	0.126281487	0
OBUS	Gasoline	1676.662508	375.5069578	25.89135467	0.011904317	0.19728647	0.028292023	0.019543364	0.005666789	0.024588567
OBUS	Diesel	1143.605491	2685.104897	0	0.000516214	0.044049171	0	0.179758858	0.422061098	0
SBUS	Gasoline	858.3937634	2563.623545	44.32325566	0.010136568	2.40661169	0.049231252	0.020453005	0.089576551	0.053474361
SBUS	Diesel	1207.212602	3698.3395	0	0.004999617	0.013002305	0	0.18975701	0.581327467	0
UBUS	Gasoline	1971.506482	0	82.83349202	0.006076932	0	0.099497631	0.020793814	0	0.0695608
UBUS	Diesel	1797.117755	0	0	0.081135293	0	0	0.282481885	0	0
UBUS	Electricity	0	0	0	0	0	0	0	0	0
UBUS	Natural Gas	1994.586074	0	0	6.316170605	0	0	0.406609419	0	0

Vehicle Category	Fuel	ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_HOTSOAK	ROG_RUNLOSS	ROG_RESTLOSS	ROG_DIURN
HHDT	Gasoline	0.484568892	0	0.001506728	0.129276775	0.648972987	0.069700495	0.102164639
HHDT	Diesel	0.019784042	4.870394043	0	0	0	0	0
HHDT	Natural Gas	0.31058783	0.057895955	0	0	0	0	0
LDA	Gasoline	0.011062042	0	0.187970293	0.100851478	0.197197069	0.313983399	0.362949786
LDA	Diesel	0.018777004	0	0	0	0	0	0
LDA	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996
LDT1	Gasoline	0.031468841	0	0.285719086	0.19229072	0.60109982	0.646260887	0.835714696
LDT1	Diesel	0.182600655	0	0	0	0	0	0
LDT1	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996
LDT2	Gasoline	0.01940058	0	0.260956724	0.122252612	0.369503675	0.470062003	0.512557559
LDT2	Diesel	0.022513	0	0	0	0	0	0
LDT2	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996
LHDT1	Gasoline	0.032665603	0.423478982	0.10804348	0.118917049	0.772995825	0.046341678	0.079938353
LHDT1	Diesel	0.061441713	0.109759705	0	0	0	0	0
LHDT2	Gasoline	0.021670662	0.425146925	0.110876332	0.118581524	0.703343917	0.043163234	0.072604647
LHDT2	Diesel	0.060860602	0.109759705	0	0	0	0	0
MCY	Gasoline	2.535961312	0	1.60149276	0.693490901	1.762382991	2.100288428	3.41252855
MDV	Gasoline	0.026085171	0	0.331153978	0.141586543	0.396803046	0.564891689	0.589937871
MDV	Diesel	0.014572836	0	0	0	0	0	0
MDV	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996
MH	Gasoline	0.046172183	0	0.116051244	0.069295293	1.666839736	0.056869423	0.137862286
MH	Diesel	0.064530845	0	0	0	0	0	0
MHDT	Gasoline	0.055540308	0.944826376	0.194982789	0.085301244	0.419255348	0.036372135	0.058669378
MHDT	Diesel	0.007922648	0.0732738	0	0	0	0	0
OBUS	Gasoline	0.05701061	0.744264948	0.148452499	0.031289496	0.358226978	0.0362261	0.07299337
OBUS	Diesel	0.011113939	0.948366565	0	0	0	0	0
SBUS	Gasoline	0.050008788	10.61523027	0.284010581	0.07119937	0.389165599	0.024171867	0.046465746
SBUS	Diesel	0.107640383	0.279936063	0	0	0	0	0
UBUS	Gasoline	0.020132998	0	0.428472061	0.076681793	0.426835391	0.024025029	0.031770866
UBUS	Diesel	0.001159263	0	0	0	0	0	0
UBUS	Electricity	0	0	0	0	0	0	0
UBUS	Natural Gas	0.090534841	0	0	0	0	0	0

Vehicle Category	Fuel	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSOAK	TOG_RUNLOSS	TOG_RESTLOSS	TOG_DIURN
HHDT	Gasoline	0.70708179	0	0.001649678	0.129276775	0.648972987	0.069700495	0.102164639
HHDT	Diesel	0.022522626	5.544572877	0	0	0	0	0
HHDT	Natural Gas	5.330647287	1.379435742	0	0	0	0	0
LDA	Gasoline	0.01613696	0	0.205803195	0.100851478	0.197197069	0.313983399	0.362949786
LDA	Diesel	0.021376371	0	0	0	0	0	0
LDA	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996
LDT1	Gasoline	0.045907803	0	0.312825868	0.19229072	0.60109982	0.646260887	0.835714696
LDT1	Diesel	0.207878706	0	0	0	0	0	0
LDT1	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996
LDT2	Gasoline	0.028304425	0	0.285714525	0.122252612	0.369503675	0.470062003	0.512557559
LDT2	Diesel	0.025629554	0	0	0	0	0	0
LDT2	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996
LHDT1	Gasoline	0.047665571	0.617939537	0.118294011	0.118917049	0.772995825	0.046341678	0.079938353
LHDT1	Diesel	0.069947305	0.124954127	0	0	0	0	0
LHDT2	Gasoline	0.031621779	0.620373395	0.121395627	0.118581524	0.703343917	0.043163234	0.072604647
LHDT2	Diesel	0.069285749	0.124954127	0	0	0	0	0
MCY	Gasoline	3.160413432	0	1.743464818	0.693490901	1.762382991	2.100288428	3.41252855
MDV	Gasoline	0.037981901	0	0.362568611	0.141586543	0.396803046	0.564891689	0.589937871
MDV	Diesel	0.016590205	0	0	0	0	0	0
MDV	Electricity	0	0	0	0.004888026	0	0.015694905	0.040970996
MH	Gasoline	0.067374341	0	0.127061504	0.069295293	1.666839736	0.056869423	0.137862286
MH	Diesel	0.073464076	0	0	0	0	0	0
MHDT	Gasoline	0.081044288	1.37868843	0.213481611	0.085301244	0.419255348	0.036372135	0.058669378
MHDT	Diesel	0.009019332	0.083416643	0	0	0	0	0
OBUS	Gasoline	0.083189749	1.086029665	0.162536801	0.031289496	0.358226978	0.0362261	0.07299337
OBUS	Diesel	0.012652374	1.079643144	0	0	0	0	0
SBUS	Gasoline	0.072972707	15.4897191	0.310955837	0.07119937	0.389165599	0.024171867	0.046465746
SBUS	Diesel	0.122540382	0.318685899	0	0	0	0	0
UBUS	Gasoline	0.029378024	0	0.469122974	0.076681793	0.426835391	0.024025029	0.031770866
UBUS	Diesel	0.082804517	0	0	0	0	0	0
UBUS	Electricity	0	0	0	0	0	0	0
UBUS	Natural Gas	6.446431142	0	0	0	0	0	0

Vehicle Category	Fuel	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNEX	SOx_IDLEX	SOx_STREX
HHDT	Gasoline	33.31396926	0	5.016669453	0.020174163	0	0.000460832
HHDT	Diesel	0.217220629	66.25849718	0	0.01290401	0.105000804	0
HHDT	Natural Gas	13.5487925	19.55414684	0	0	0	0
LDA	Gasoline	0.753065206	0	1.791574944	0.002783707	0	0.000522676
LDA	Diesel	0.28115834	0	0	0.001981112	0	0
LDA	Electricity	0	0	0	0	0	0
LDT1	Gasoline	1.422585008	0	1.880135918	0.003212941	0	0.000608243
LDT1	Diesel	1.074680539	0	0	0.004358421	0	0
LDT1	Electricity	0	0	0	0	0	0
LDT2	Gasoline	1.041895205	0	2.219445777	0.003405248	0	0.000657035
LDT2	Diesel	0.19307509	0	0	0.002692771	0	0
LDT2	Electricity	0	0	0	0	0	0
LHDT1	Gasoline	0.783198229	3.75321727	1.605095651	0.007934649	0.001184148	0.000183878
LHDT1	Diesel	0.306036904	0.909745076	0	0.004325379	0.001216338	0
LHDT2	Gasoline	0.547418574	3.760128638	1.589570276	0.009105259	0.001367488	0.00020955
LHDT2	Diesel	0.301932737	0.909745076	0	0.00478605	0.001958011	0
MCY	Gasoline	18.14789314	0	7.771761569	0.002199875	0	0.000567212
MDV	Gasoline	1.217992685	0	2.569066904	0.004168113	0	0.000810365
MDV	Diesel	0.271127808	0	0	0.003478776	0	0
MDV	Electricity	0	0	0	0	0	0
MH	Gasoline	1.245885707	0	2.553777683	0.016333685	0	0.000245098
MH	Diesel	0.253648231	0	0	0.009015576	0	0
MHDT	Gasoline	1.394417867	10.4593189	4.139555967	0.016390679	0.005559827	0.00037465
MHDT	Diesel	0.07555287	2.462890096	0	0.008627322	0.007590016	0
OBUS	Gasoline	1.394501726	5.762509755	3.048668703	0.016591935	0.003715946	0.000256216
OBUS	Diesel	0.11921052	14.10286204	0	0.010804218	0.02536754	0
SBUS	Gasoline	1.06157329	82.08125133	6.151953402	0.008494502	0.025369133	0.000438615
SBUS	Diesel	0.317118446	6.344176172	0	0.011405146	0.034940078	0
UBUS	Gasoline	0.36009715	0	6.293354452	0.019509655	0	0.000819705
UBUS	Diesel	0.138037293	0	0	0.016989226	0	0
UBUS	Electricity	0	0	0	0	0	0
UBUS	Natural Gas	49.05647108	0	0	0	0	0

Source: EMFAC2017 (v1.0.3) Emission Rates
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2024
Season: Winter
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX, RESTLOSS and DIURN

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	VMT	Trips	NOx_RUNEX	NOx_IDLEX	NOx_STREX	PM2.5_RUNEX	PM2.5_IDLEX	PM2.5_STREX
Los Angeles (SC)	2024	HHDT	Aggregate	Aggregate	Gasoline	52.04562781	6082.283607	1041.328921	3.520235837	0	0.509855989	0.001168614	0	0.000634999
Los Angeles (SC)	2024	HHDT	Aggregate	Aggregate	Diesel	58992.86024	7091846.402	590351.8228	2.679471545	60.73557948	2.397693073	0.018048073	0.033137455	0
Los Angeles (SC)	2024	HHDT	Aggregate	Aggregate	Natural Gas	2963.309642	120685.728	11556.9076	2.440583531	22.75484584	0	0.005475179	0.040520332	0
Los Angeles (SC)	2024	LDA	Aggregate	Aggregate	Gasoline	4021900.074	148818024	18978442.95	0.031684452	0	0.168659263	0.001512854	0	0.001605277
Los Angeles (SC)	2024	LDA	Aggregate	Aggregate	Diesel	38501.07281	1479530.051	182905.2219	0.052874302	0	0	0.006532623	0	0
Los Angeles (SC)	2024	LDA	Aggregate	Aggregate	Electricity	106845.8544	4518575.527	531934.2031	0	0	0	0	0	0
Los Angeles (SC)	2024	LDT1	Aggregate	Aggregate	Gasoline	486400.7655	17673621.24	2255127.586	0.090151827	0	0.224964631	0.002143758	0	0.002122675
Los Angeles (SC)	2024	LDT1	Aggregate	Aggregate	Diesel	234.7727133	5684.021112	832.856787	0.907294277	0	0	0.121913859	0	0
Los Angeles (SC)	2024	LDT1	Aggregate	Aggregate	Electricity	5879.20802	255127.5247	29473.49424	0	0	0	0	0	0
Los Angeles (SC)	2024	LDT2	Aggregate	Aggregate	Gasoline	1423190.933	52511432.89	6691338.255	0.065254285	0	0.241306474	0.001617987	0	0.001644924
Los Angeles (SC)	2024	LDT2	Aggregate	Aggregate	Diesel	10554.80961	427072.609	51733.15953	0.04191307	0	0	0.005063107	0	0
Los Angeles (SC)	2024	LDT2	Aggregate	Aggregate	Electricity	22560.95292	705898.5423	113549.0395	0	0	0	0	0	0
Los Angeles (SC)	2024	LHDT1	Aggregate	Aggregate	Gasoline	105026.6205	3766959.671	1564740.156	0.158617711	0.035884306	0.47553387	0.001232024	0	0.000370797
Los Angeles (SC)	2024	LHDT1	Aggregate	Aggregate	Diesel	73357.19754	3028301.786	922741.2616	0.868210071	1.65854239	0	0.010746438	0.026453247	0
Los Angeles (SC)	2024	LHDT2	Aggregate	Aggregate	Gasoline	18080.14015	625803.0034	269367.1488	0.158683757	0.036025021	0.490561285	0.00112246	0	0.000314551
Los Angeles (SC)	2024	LHDT2	Aggregate	Aggregate	Diesel	29768.23755	1179926.342	374446.98	0.843522388	1.67947685	0	0.013287205	0.027006871	0
Los Angeles (SC)	2024	MCY	Aggregate	Aggregate	Gasoline	190348.3854	1288390.153	380696.7708	1.105315046	0	0.266952009	0.002373646	0	0.002851095
Los Angeles (SC)	2024	MDV	Aggregate	Aggregate	Gasoline	941489.7366	32284082.37	4376581.951	0.08291261	0	0.294441306	0.001666418	0	0.001736264
Los Angeles (SC)	2024	MDV	Aggregate	Aggregate	Diesel	23002.44645	870333.9934	112429.6903	0.036303525	0	0	0.004221515	0	0
Los Angeles (SC)	2024	MDV	Aggregate	Aggregate	Electricity	13602.33231	437604.9715	69087.01662	0	0	0	0	0	0
Los Angeles (SC)	2024	MH	Aggregate	Aggregate	Gasoline	18822.07195	191782.5832	1882.960078	0.252340028	0	0.334040433	0.00126222	0	0.000314828
Los Angeles (SC)	2024	MH	Aggregate	Aggregate	Diesel	6460.410652	66619.07665	646.0410652	3.094379829	0	0	0.060369335	0	0
Los Angeles (SC)	2024	MHDT	Aggregate	Aggregate	Gasoline	14759.51384	801587.7755	295308.3529	0.32016735	0.085117291	0.356479309	0.001033044	0	0.000383264
Los Angeles (SC)	2024	MHDT	Aggregate	Aggregate	Diesel	67593.21	4353533.246	668202.3486	1.208032081	4.994475909	2.149331785	0.00676904	0.004626413	0
Los Angeles (SC)	2024	OBUS	Aggregate	Aggregate	Gasoline	3958.891451	155997.8277	79209.50015	0.386093098	0.064944868	0.32029194	0.000953466	0	0.000257462
Los Angeles (SC)	2024	OBUS	Aggregate	Aggregate	Diesel	3186.166914	247114.6278	30968.90515	1.654965431	13.14702818	2.210417177	0.010828151	0.004614785	0
Los Angeles (SC)	2024	SBUS	Aggregate	Aggregate	Gasoline	1584.677682	62194.10493	6338.710727	0.351521827	0.925002889	0.600359196	0.001070308	0	0.000448526
Los Angeles (SC)	2024	SBUS	Aggregate	Aggregate	Diesel	3527.518186	111549.9025	40707.0708	6.081506856	37.51027922	1.072625529	0.034043005	0.050291749	0
Los Angeles (SC)	2024	UBUS	Aggregate	Aggregate	Gasoline	466.0453396	33378.61148	1864.181359	0.218750087	0	0.74681	0.001705773	0	0.00065705
Los Angeles (SC)	2024	UBUS	Aggregate	Aggregate	Diesel	10.1389	1181.230112	40.5556	0.833128942	0	0	0.005859397	0	0
Los Angeles (SC)	2024	UBUS	Aggregate	Aggregate	Electricity	12	1070.403311	48	0	0	0	0	0	0
Los Angeles (SC)	2024	UBUS	Aggregate	Aggregate	Natural Gas	4178.335668	442305.8977	16713.34267	0.483273713	0	0	0.003204674	0	0

Vehicle Category	Fuel	PM2.5_PMTW	PM2.5_PMBW	PM10_RUNEX	PM10_IDLEX	PM10_STREX	PM10_PMTW	PM10_PMBW	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX
HHDT	Gasoline	0.005000001	0.026460008	0.001270975	0	0.000690619	0.020000006	0.061740018	1989.122724	0	45.97723123	0.089313026	0	0.000282988	0.136585076	0	0.013140666
HHDT	Diesel	0.008900988	0.026168904	0.018864126	0.034635784	0	0.035603951	0.061060777	1345.891948	11323.82019	0	0.000927595	0.197385776	0	0.211555472	1.77994684	0
HHDT	Natural Gas	0.009000003	0.026460008	0.005722742	0.042352482	0	0.03600001	0.061740018	3302.778143	3928.940539	0	4.818355641	1.195576049	0	0.67329293	0.800940231	0
LDA	Gasoline	0.002000001	0.015750005	0.001645367	0	0.001745885	0.008000002	0.036750011	258.8638908	0	52.00350008	0.002398995	0	0.044999662	0.003938455	0	0.024160524
LDA	Diesel	0.002000001	0.015750005	0.006827999	0	0	0.008000002	0.036750011	205.1068976	0	0	0.000777723	0	0	0.03223994	0	0
LDA	Electricity	0.002000001	0.015750005	0	0	0	0.008000002	0.036750011	0	0	0	0	0	0	0	0	0
LDT1	Gasoline	0.002000001	0.015750005	0.002331498	0	0.002308562	0.008000002	0.036750011	301.897278	0	60.55729535	0.00590835	0	0.060956977	0.00709534	0	0.02667504
LDT1	Diesel	0.002000001	0.015750005	0.127426263	0	0	0.008000002	0.036750011	456.5855263	0	0	0.008011193	0	0	0.071768886	0	0
LDT1	Electricity	0.002000001	0.015750005	0	0	0	0.008000002	0.036750011	0	0	0	0	0	0	0	0	0
LDT2	Gasoline	0.002000001	0.015750005	0.001759698	0	0.001788993	0.008000002	0.036750011	318.4087277	0	64.93444143	0.004007832	0	0.060241939	0.005703046	0	0.029253415
LDT2	Diesel	0.002000001	0.015750005	0.005292038	0	0	0.008000002	0.036750011	278.6127609	0	0	0.001038057	0	0	0.043794046	0	0
LDT2	Electricity	0.002000001	0.015750005	0	0	0	0.008000002	0.036750011	0	0	0	0	0	0	0	0	0
LHDT1	Gasoline	0.002000001	0.032760009	0.001339938	0	0.000403275	0.008000002	0.076440022	793.7237296	118.4471082	18.54673296	0.005798326	0.117954437	0.021550933	0.009928957	0.003137636	0.039459053
LHDT1	Diesel	0.003000001	0.032760009	0.011232344	0.027649346	0	0.012000003	0.076440022	451.0270695	126.7942031	0	0.002740428	0.005098128	0	0.070895174	0.019930283	0
LHDT2	Gasoline	0.002000001	0.038220011	0.001220778	0	0.000342103	0.008000002	0.089180026	911.1603331	136.8108067	21.10246014	0.004202738	0.118163673	0.022146642	0.010600753	0.003063845	0.039526528
LHDT2	Diesel	0.003000001	0.038220011	0.013887994	0.028228002	0	0.012000003	0.089180026	499.2810167	204.25865	0	0.002725725	0.005098128	0	0.078480023	0.032106615	0
MCY	Gasoline	0.001	0.005040001	0.002542707	0	0.003037883	0.004000001	0.011760003	225.0483238	0	59.28547009	0.383708404	0	0.237187688	0.064295578	0	0.015336271
MDV	Gasoline	0.002000001	0.015750005	0.001812301	0	0.001888262	0.008000002	0.036750011	392.6938597	0	80.03611381	0.005061386	0	0.07120399	0.006925109	0	0.03176344
MDV	Diesel	0.002000001	0.015750005	0.004412393	0	0	0.008000002	0.036750011	359.8140872	0	0	0.000654177	0	0	0.056557764	0	0
MDV	Electricity	0.002000001	0.015750005	0	0	0	0.008000002	0.036750011	0	0	0	0	0	0	0	0	0
MH	Gasoline	0.003000001	0.055860016	0.00137278	0	0.000342405	0.012000003	0.130340037	1624.113158	0	24.62058022	0.009245532	0	0.029820264	0.018252753	0	0.038203831
MH	Diesel	0.004000001	0.055860016	0.063098969	0	0	0.016000005	0.130340037	940.7432934	0	0	0.002941401	0	0	0.147871745	0	0
MHDT	Gasoline	0.003000001	0.055860016	0.00112353	0	0.000416834	0.012000003	0.130340037	1630.805004	500.9829166	37.51725702	0.009493186	0.290459458	0.037498487	0.017577657	0.00764905	0.029731108
MHDT	Diesel	0.003000001	0.055860016	0.007075106	0.004835599	0	0.012000003	0.130340037	900.4309974	797.3483454	0	0.000368374	0.002993705	0	0.141535214	0.125332056	0
OBUS	Gasoline	0.003000001	0.055860016	0.001036981	0	0.000280013	0.012000003	0.130340037	1652.93246	371.5087262	25.89301126	0.010514269	0.196915305	0.029082152	0.019559717	0.005566282	0.025260973
OBUS	Diesel	0.003000001	0.055860016	0.011317752	0.004823445	0	0.012000003	0.130340037	1132.324741	2741.203026	0	0.00052466	0.037882121	0	0.177985681	0.430878942	0
SBUS	Gasoline	0.002000001	0.319200087	0.001164058	0	0.000487813	0.008000002	0.744800204	847.0223516	2532.541451	46.35091675	0.009017858	2.403367005	0.055693419	0.021172846	0.087889809	0.055428789
SBUS	Diesel	0.003000001	0.319200091	0.035582278	0.052565719	0	0.012000003	0.744800213	1192.632741	3458.222302	0	0.004787616	0.012837927	0	0.187465258	0.543584387	0
UBUS	Gasoline	0.002835319	0.052955035	0.001855184	0	0.000714602	0.011341277	0.123561749	1860.411468	0	80.86983959	0.005936101	0	0.099067953	0.019565367	0	0.06816751
UBUS	Diesel	0.009000005	0.026460016	0.006124333	0	0	0.036000022	0.061740037	1797.757998	0	0	0.081191208	0	0	0.282582522	0	0
UBUS	Electricity	0.003000002	0.055860034	0	0	0	0.012000007	0.130340079	0	0	0	0	0	0	0	0	0
UBUS	Natural Gas	0.008365573	0.029455827	0.003349575	0	0	0.033462293	0.068730263	1995.280075	0	0	6.319002967	0	0	0.406750896	0	0

Vehicle Category	Fuel	ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_HOTSOAK	ROG_RUNLOSS	ROG_RESTLOSS	ROG_DIURN	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSOAK	TOG_RUNLOSS	TOG_RESTLOSS	TOG_DIURN	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNEX	SOx_IDLEX	SOx_STREX
HHDT	Gasoline	0.434380532	0	0.001493323	0.128592798	0.620659436	0.041278677	0.060415473	0.633847053	0	0.001635	0.128592798	0.620659436	0.041278677	0.060415473	31.54923487	0	5.126651268	0.019683982	0	0.000454982
HHDT	Diesel	0.019970876	4.249661633	0	0	0	0	0	0.022735322	4.83791628	0	0	0	0	0	0.221549409	68.80722888	0	0.01271532	0.106981838	0
HHDT	Natural Gas	0.275142356	0.05595908	0	0	0	0	0	5.152536793	1.26446836	0	0	0	0	0	13.70659359	21.6039872	0	0	0	0
LDA	Gasoline	0.008988808	0	0.197151638	0.099644205	0.231888274	0.204730771	0.213373713	0.013116447	0	0.215856228	0.099644205	0.231888274	0.204730771	0.213373713	0.623642947	0	2.09451899	0.002561668	0	0.000514617
LDA	Diesel	0.016743921	0	0	0	0	0	0	0.019061841	0	0	0	0	0	0	0.278066666	0	0	0.001938998	0	0
LDA	Electricity	0	0	0	0.004888026	0	0.004571725	0.016129757	0	0	0	0.004888026	0	0.004571725	0.016129757	0	0	0	0	0	0
LDT1	Gasoline	0.025764736	0	0.29669147	0.190232349	0.716631432	0.413551404	0.496277763	0.037591353	0	0.324839523	0.190232349	0.716631432	0.413551404	0.496277763	1.154516019	0	2.200537867	0.002987518	0	0.000599264
LDT1	Diesel	0.172476263	0	0	0	0	0	0	0.196352759	0	0	0	0	0	0	1.027022135	0	0	0.004316375	0	0
LDT1	Electricity	0	0	0	0.004888026	0	0.004571725	0.016129757	0	0	0	0.004888026	0	0.004571725	0.016129757	0	0	0	0	0	0
LDT2	Gasoline	0.016167896	0	0.274716733	0.120719998	0.452667596	0.315624558	0.304502377	0.02359054	0	0.300780139	0.120719998	0.452667596	0.315624558	0.304502377	0.862582025	0	2.601520753	0.003150912	0	0.000642579
LDT2	Diesel	0.022348756	0	0	0	0	0	0	0.025442573	0	0	0	0	0	0	0.200644576	0	0	0.002633893	0	0
LDT2	Electricity	0	0	0	0.004888026	0	0.004571725	0.016129757	0	0	0	0.004888026	0	0.004571725	0.016129757	0	0	0	0	0	0
LHDT1	Gasoline	0.027512679	0.411160823	0.105676057	0.126083354	0.830321244	0.031620448	0.053564214	0.040146437	0.599964908	0.11570198	0.126083354	0.830321244	0.031620448	0.053564214	0.669340735	3.756426068	1.654872842	0.00785454	0.00117213	0.000183535
LHDT1	Diesel	0.058999793	0.109759705	0	0	0	0	0	0.067167342	0.124954127	0	0	0	0	0	0.288504151	0.909745076	0	0.004263828	0.001198661	0
LHDT2	Gasoline	0.018241024	0.413082645	0.108251885	0.121418703	0.737090394	0.029089939	0.047479039	0.02661726	0.602769225	0.118522189	0.121418703	0.737090394	0.029089939	0.047479039	0.463038767	3.763353604	1.627880639	0.00901667	0.001353854	0.000208826
LHDT2	Diesel	0.058683257	0.109759705	0	0	0	0	0	0.066806987	0.124954127	0	0	0	0	0	0.28630699	0.909745076	0	0.004720001	0.001930979	0
MCY	Gasoline	2.626629086	0	1.835552088	0.798677561	2.084082387	1.235440062	2.323132125	3.277442651	0	1.998404929	0.798677561	2.084082387	1.235440062	2.323132125	18.88066867	0	8.71784038	0.002227036	0	0.000586678
MDV	Gasoline	0.021001397	0	0.342727469	0.138990458	0.478366088	0.37874585	0.345937063	0.030617594	0	0.375241924	0.138990458	0.478366088	0.37874585	0.345937063	0.975695547	0	2.950061684	0.003886024	0	0.000792022
MDV	Diesel	0.014084039	0	0	0	0	0	0	0.016033742	0	0	0	0	0	0	0.275313969	0	0	0.003401537	0	0
MDV	Electricity	0	0	0	0.004888026	0	0.004571725	0.016129757	0	0	0	0.004888026	0	0.004571725	0.016129757	0	0	0	0	0	0
MH	Gasoline	0.038157397	0	0.117876765	0.074537774	1.624556452	0.038716562	0.097081973	0.055679184	0	0.129060221	0.074537774	1.624556452	0.038716562	0.097081973	1.001293411	0	2.636146153	0.016071916	0	0.000243641
MH	Diesel	0.063326642	0	0	0	0	0	0	0.072093172	0	0	0	0	0	0	0.24329025	0	0	0.008893407	0	0
MHDT	Gasoline	0.045038432	1.091526516	0.195954244	0.084593278	0.452284875	0.024166566	0.037595555	0.065719974	1.59275293	0.214545232	0.084593278	0.452284875	0.024166566	0.037595555	1.119736788	19.90584399	4.185538679	0.016138138	0.004957632	0.000371264
MHDT	Diesel	0.007930984	0.064453644	0	0	0	0	0	0.009028821	0.073375567	0	0	0	0	0	0.076880154	2.604342234	0	0.008506826	0.007532952	0
OBUS	Gasoline	0.050247128	0.74454823	0.152723581	0.032697766	0.399419054	0.025901783	0.052636827	0.073320491	1.086443029	0.167213098	0.032697766	0.399419054	0.025901783	0.052636827	1.219029815	5.764219411	3.183618048	0.016357107	0.00367638	0.000256232
OBUS	Diesel	0.011295788	0.815591679	0	0	0	0	0	0.012859394	0.928489043	0	0	0	0	0	0.121999837	14.46495516	0	0.010697643	0.025897527	0
SBUS	Gasoline	0.044311345	10.61919568	0.321407362	0.073193637	0.533019795	0.017008227	0.032148548	0.06465901	15.49550541	0.351900606	0.073193637	0.533019795	0.017008227	0.032148548	0.947836923	82.10533025	7.628563601	0.008381973	0.025061551	0.00045868
SBUS	Diesel	0.103076061	0.276397042	0	0	0	0	0	0.117344249	0.314656992	0	0	0	0	0	0.308825458	7.649707281	0	0.011267403	0.03267157	0
UBUS	Gasoline	0.019606261	0	0.425881437	0.053113215	0.363434021	0.011507511	0.015875391	0.028609409	0	0.466286567	0.053113215	0.363434021	0.011507511	0.015875391	0.311792555	0	7.29620922	0.01841028	0	0.000800273
UBUS	Diesel	0.001160062	0	0	0	0	0	0	0.082861583	0	0	0	0	0	0	0.138155785	0	0	0.016995278	0	0
UBUS	Electricity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UBUS	Natural Gas	0.09059097	0	0	0	0	0	0	6.449338872	0	0	0	0	0	0	49.0688743	0	0	0	0	0

CalEEMod Construction Model

Starlite Residential Development Project Construction

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	169.00	Dwelling Unit	5.28	346,004.00	483
Condo/Townhouse	38.00	Dwelling Unit	0.48	62,100.00	109
Recreational Swimming Pool	9.00	1000sqft	0.21	9,000.00	0
Parking Lot	4.20	1000sqft	0.10	4,200.00	0
Other Asphalt Surfaces	136.25	1000sqft	3.13	136,247.00	0
Other Non-Asphalt Surfaces	140.08	1000sqft	3.22	140,080.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2019 SCE Sustainability Report

Land Use - based on info from applicant, remainder of land use acreage assigned to single family home acreage (2.63 acres)

Construction Phase - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment -

Off-road Equipment - no additional equipment required for soil haul

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Grading -

Demolition -

Trips and VMT - based on info from applicant

Architectural Coating - assumes pool and associated structures would be treated as residential. Assumes only parking area would be coated.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 and Rule 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	4,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Parking	16,832.00	252.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	275,470.00	281,545.00
tblArchitecturalCoating	ConstArea_Residential_Interior	826,411.00	844,636.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	17.00
tblConstructionPhase	NumDays	20.00	3.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	30.00	64.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	20.00	48.00
tblConstructionPhase	NumDays	300.00	164.00

tblConstructionPhase	PhaseEndDate	11/4/2022	11/1/2022
tblGrading	MaterialImported	0.00	4,852.00
tblLandUse	LandUseSquareFeet	304,200.00	346,004.00
tblLandUse	LandUseSquareFeet	38,000.00	62,100.00
tblLandUse	LotAcreage	54.87	5.28
tblLandUse	LotAcreage	2.38	0.48
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	HaulingTripLength	20.00	6.00
tblTripsAndVMT	HaulingTripLength	20.00	5.00
tblTripsAndVMT	HaulingTripNumber	19.00	22.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	70.00	22.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	10.00	15.00
tblTripsAndVMT	WorkerTripNumber	210.00	88.00
tblTripsAndVMT	WorkerTripNumber	42.00	18.00
tblTripsAndVMT	WorkerTripNumber	10.00	15.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.2080	42.4990	34.3235	0.0727	8.9560	1.8177	10.7737	3.6721	1.6867	5.3588	0.0000	7,037.6388	7,037.6388	2.0007	0.0000	7,087.6565
2023	3.5324	40.7958	30.1319	0.0809	9.2437	1.4320	10.6757	3.7446	1.3176	5.0622	0.0000	8,036.8163	8,036.8163	2.0883	0.0000	8,089.0234
2024	132.0650	11.0518	17.3193	0.0373	1.3257	0.4616	1.7873	0.3548	0.4433	0.7981	0.0000	3,675.5432	3,675.5432	0.3801	0.0000	3,685.0457
Maximum	**132.0650**	**42.4990**	**34.3235**	**0.0809**	**9.2437**	**1.8177**	**10.7737**	**3.7446**	**1.6867**	**5.3588**	**0.0000**	**8,036.8163**	**8,036.8163**	**2.0883**	**0.0000**	**8,089.0234**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.2080	42.4990	34.3235	0.0727	3.9688	1.8177	5.7865	1.6077	1.6867	3.2944	0.0000	7,037.6388	7,037.6388	2.0007	0.0000	7,087.6565
2023	3.5324	40.7958	30.1319	0.0809	4.2096	1.4320	5.6416	1.6717	1.3176	2.9893	0.0000	8,036.8163	8,036.8163	2.0883	0.0000	8,089.0234
2024	132.0650	11.0518	17.3193	0.0373	1.2240	0.4616	1.6855	0.3298	0.4433	0.7731	0.0000	3,675.5432	3,675.5432	0.3801	0.0000	3,685.0457
Maximum	**132.0650**	**42.4990**	**34.3235**	**0.0809**	**4.2096**	**1.8177**	**5.7865**	**1.6717**	**1.6867**	**3.2944**	**0.0000**	**8,036.8163**	**8,036.8163**	**2.0883**	**0.0000**	**8,089.0234**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**51.85**	**0.00**	**43.57**	**53.56**	**0.00**	**37.10**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Asphalt & Building Demolition	Demolition	10/10/2022	11/1/2022	5	17	a
2	Building Demolition Debris Haul	Demolition	10/28/2022	11/1/2022	5	3	b
3	Asphalt Demolition Debris Onsite Reprocessing	Demolition	11/5/2022	11/25/2022	5	15	c
4	Rough Grading	Grading	11/2/2022	1/30/2023	5	64	d
5	Rough Grading Soil Haul	Grading	1/9/2023	1/20/2023	5	10	e
6	Utility Trenching	Trenching	2/1/2023	7/3/2023	5	109	f
7	Asphalt Paving	Paving	7/5/2023	9/8/2023	5	48	g
8	Building Construction	Building Construction	9/12/2023	4/26/2024	5	164	h
9	Architectural Coating	Architectural Coating	3/31/2024	4/26/2024	5	20	i

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.45

Residential Indoor: 844,636; Residential Outdoor: 281,545; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	2	6.00	78	0.48
Asphalt & Building Demolition	Excavators	1	8.00	158	0.38
Asphalt & Building Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Demolition Debris Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Asphalt Demolition Debris Onsite Reprocessing	Concrete/Industrial Saws	0	8.00	81	0.73
Building Demolition Debris Haul	Excavators	0	8.00	158	0.38
Asphalt & Building Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Asphalt Demolition Debris Onsite Reprocessing	Excavators	0	8.00	158	0.38
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Rough Grading	Excavators	2	8.00	158	0.38
Rough Grading Soil Haul	Excavators	0	8.00	158	0.38
Rough Grading	Graders	1	8.00	187	0.41
Rough Grading Soil Haul	Graders	0	8.00	187	0.41
Asphalt Paving	Pavers	1	8.00	130	0.42
Asphalt Paving	Paving Equipment	1	8.00	132	0.36
Building Construction	Welders	0	8.00	46	0.45
Asphalt Paving	Rollers	2	8.00	80	0.38
Building Demolition Debris Haul	Rubber Tired Dozers	0	8.00	247	0.40
Asphalt Demolition Debris Onsite Reprocessing	Rubber Tired Dozers	0	8.00	247	0.40

Rough Grading	Rubber Tired Dozers	1	8.00	247	0.40
Rough Grading Soil Haul	Rubber Tired Dozers	0	8.00	247	0.40
Rough Grading	Scrapers	2	8.00	367	0.48
Rough Grading Soil Haul	Scrapers	0	8.00	367	0.48
Rough Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Rough Grading Soil Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Demolition Debris Haul	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Asphalt Demolition Debris Onsite Reprocessing	Crushing/Proc. Equipment	1	8.00	85	0.78
Utility Trenching	Trenchers	1	1.00	78	0.50
Utility Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Asphalt & Building Demolition	4	15.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Demolition Debris Haul	1	3.00	0.00	22.00	14.70	6.90	6.00	LD_Mix	HDT_Mix	HHDT
Asphalt Demolition Debris Onsite	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	88.00	22.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rough Grading	8	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rough Grading Soil Haul	0	0.00	0.00	607.00	14.70	6.90	5.00	LD_Mix	HDT_Mix	HHDT
Asphalt Paving	4	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utility Trenching	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Asphalt & Building Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2343	22.1655	14.0838	0.0285		1.0708	1.0708		0.9972	0.9972		2,746.7506	2,746.7506	0.7290		2,764.9757
Total	**2.2343**	**22.1655**	**14.0838**	**0.0285**		**1.0708**	**1.0708**		**0.9972**	**0.9972**		**2,746.7506**	**2,746.7506**	**0.7290**		**2,764.9757**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0114	0.3693	0.0961	1.0200e-003	0.0256	6.9000e-004	0.0263	7.3700e-003	6.6000e-004	8.0400e-003		108.9944	108.9944	6.2500e-003		109.1507
Worker	0.0602	0.0399	0.5574	1.6500e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		164.8069	164.8069	4.5500e-003		164.9206
Total	**0.0716**	**0.4092**	**0.6535**	**2.6700e-003**	**0.1933**	**2.0000e-003**	**0.1953**	**0.0518**	**1.8700e-003**	**0.0537**		**273.8012**	**273.8012**	**0.0108**		**274.0713**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2343	22.1655	14.0838	0.0285		1.0708	1.0708		0.9972	0.9972	0.0000	2,746.7506	2,746.7506	0.7290		2,764.9757
Total	**2.2343**	**22.1655**	**14.0838**	**0.0285**		**1.0708**	**1.0708**		**0.9972**	**0.9972**	**0.0000**	**2,746.7506**	**2,746.7506**	**0.7290**		**2,764.9757**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0114	0.3693	0.0961	1.0200e-003	0.0240	6.9000e-004	0.0247	6.9700e-003	6.6000e-004	7.6300e-003		108.9944	108.9944	6.2500e-003		109.1507
Worker	0.0602	0.0399	0.5574	1.6500e-003	0.1546	1.3100e-003	0.1559	0.0413	1.2100e-003	0.0425		164.8069	164.8069	4.5500e-003		164.9206
Total	**0.0716**	**0.4092**	**0.6535**	**2.6700e-003**	**0.1785**	**2.0000e-003**	**0.1805**	**0.0482**	**1.8700e-003**	**0.0501**		**273.8012**	**273.8012**	**0.0108**		**274.0713**

3.3 Building Demolition Debris Haul - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					1.3981	0.0000	1.3981	0.2117	0.0000	0.2117			0.0000			0.0000
Off-Road	0.1640	1.6689	2.2289	3.1000e-003		0.0898	0.0898		0.0826	0.0826		300.0177	300.0177	0.0970		302.4435
Total	**0.1640**	**1.6689**	**2.2289**	**3.1000e-003**	**1.3981**	**0.0898**	**1.4878**	**0.2117**	**0.0826**	**0.2943**		**300.0177**	**300.0177**	**0.0970**		**302.4435**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	1.0115	0.1941	2.2300e-003	0.0386	1.7200e-003	0.0403	0.0106	1.6500e-003	0.0122		242.2246	242.2246	0.0200		242.7243
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0121	7.9800e-003	0.1115	3.3000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		32.9614	32.9614	9.1000e-004		32.9841
Total	**0.0372**	**1.0195**	**0.3055**	**2.5600e-003**	**0.0721**	**1.9800e-003**	**0.0741**	**0.0195**	**1.8900e-003**	**0.0214**		**275.1860**	**275.1860**	**0.0209**		**275.7084**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5977	0.0000	0.5977	0.0905	0.0000	0.0905			0.0000			0.0000
Off-Road	0.1640	1.6689	2.2289	3.1000e-003		0.0898	0.0898		0.0826	0.0826	0.0000	300.0177	300.0177	0.0970		302.4435

Total	0.1640	1.6689	2.2289	3.1000e-003	0.5977	0.0898	0.6874	0.0905	0.0826	0.1731	0.0000	300.0177	300.0177	0.0970		302.4435

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	1.0115	0.1941	2.2300e-003	0.0360	1.7200e-003	0.0377	9.9400e-003	1.6500e-003	0.0116		242.2246	242.2246	0.0200		242.7243
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0121	7.9800e-003	0.1115	3.3000e-004	0.0309	2.6000e-004	0.0312	8.2500e-003	2.4000e-004	8.4900e-003		32.9614	32.9614	9.1000e-004		32.9841
Total	**0.0372**	**1.0195**	**0.3055**	**2.5600e-003**	**0.0669**	**1.9800e-003**	**0.0689**	**0.0182**	**1.8900e-003**	**0.0201**		**275.1860**	**275.1860**	**0.0209**		**275.7084**

3.4 Asphalt Demolition Debris Onsite Reprocessing - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4794	3.2250	4.3312	7.0200e-003		0.1801	0.1801		0.1801	0.1801		664.5301	664.5301	0.0433		665.6118
Total	**0.4794**	**3.2250**	**4.3312**	**7.0200e-003**		**0.1801**	**0.1801**		**0.1801**	**0.1801**		**664.5301**	**664.5301**	**0.0433**		**665.6118**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0121	7.9800e-003	0.1115	3.3000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		32.9614	32.9614	9.1000e-004		32.9841
Total	**0.0121**	**7.9800e-003**	**0.1115**	**3.3000e-004**	**0.0335**	**2.6000e-004**	**0.0338**	**8.8900e-003**	**2.4000e-004**	**9.1300e-003**		**32.9614**	**32.9614**	**9.1000e-004**		**32.9841**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4794	3.2250	4.3312	7.0200e-003		0.1801	0.1801		0.1801	0.1801	0.0000	664.5301	664.5301	0.0433		665.6118
Total	**0.4794**	**3.2250**	**4.3312**	**7.0200e-003**		**0.1801**	**0.1801**		**0.1801**	**0.1801**	**0.0000**	**664.5301**	**664.5301**	**0.0433**		**665.6118**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0121	7.9800e-003	0.1115	3.3000e-004	0.0309	2.6000e-004	0.0312	8.2500e-003	2.4000e-004	8.4900e-003		32.9614	32.9614	9.1000e-004		32.9841
Total	**0.0121**	**7.9800e-003**	**0.1115**	**3.3000e-004**	**0.0309**	**2.6000e-004**	**0.0312**	**8.2500e-003**	**2.4000e-004**	**8.4900e-003**		**32.9614**	**32.9614**	**9.1000e-004**		**32.9841**

3.5 Rough Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0114	0.3693	0.0961	1.0200e-003	0.0256	6.9000e-004	0.0263	7.3700e-003	6.6000e-004	8.0400e-003		108.9944	108.9944	6.2500e-003		109.1507

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Worker	0.0803	0.0532	0.7432	2.2100e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.0917**	**0.4226**	**0.8393**	**3.2300e-003**	**0.2492**	**2.4400e-003**	**0.2516**	**0.0667**	**2.2700e-003**	**0.0689**		**328.7368**	**328.7368**	**0.0123**		**329.0448**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.7079	0.0000	3.7079	1.5375	0.0000	1.5375			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**3.7079**	**1.6349**	**5.3427**	**1.5375**	**1.5041**	**3.0416**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0114	0.3693	0.0961	1.0200e-003	0.0240	6.9000e-004	0.0247	6.9700e-003	6.6000e-004	7.6300e-003		108.9944	108.9944	6.2500e-003		109.1507
Worker	0.0803	0.0532	0.7432	2.2100e-003	0.2061	1.7500e-003	0.2078	0.0550	1.6100e-003	0.0566		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.0917**	**0.4226**	**0.8393**	**3.2300e-003**	**0.2300**	**2.4400e-003**	**0.2325**	**0.0620**	**2.2700e-003**	**0.0642**		**328.7368**	**328.7368**	**0.0123**		**329.0448**

3.5 Rough Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**8.6733**	**1.4245**	**10.0978**	**3.5965**	**1.3105**	**4.9070**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0754	0.0482	0.6844	2.1200e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		211.6964	211.6964	5.4700e-003		211.8331
Total	**0.0839**	**0.3284**	**0.7712**	**3.1100e-003**	**0.2492**	**2.0200e-003**	**0.2512**	**0.0667**	**1.8800e-003**	**0.0685**		**317.2594**	**317.2594**	**0.0110**		**317.5347**

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Fugitive Dust					3.7079	0.0000	3.7079	1.5375	0.0000	1.5375			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**3.7079**	**1.4245**	**5.1323**	**1.5375**	**1.3105**	**2.8480**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0240	3.2000e-004	0.0243	6.9700e-003	3.1000e-004	7.2800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0754	0.0482	0.6844	2.1200e-003	0.2061	1.7000e-003	0.2078	0.0550	1.5700e-003	0.0566		211.6964	211.6964	5.4700e-003		211.8331
Total	**0.0839**	**0.3284**	**0.7712**	**3.1100e-003**	**0.2300**	**2.0200e-003**	**0.2321**	**0.0620**	**1.8800e-003**	**0.0638**		**317.2594**	**317.2594**	**0.0110**		**317.5347**

3.6 Rough Grading Soil Haul - 2023

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0549	0.0000	0.0549	8.3100e-003	0.0000	8.3100e-003			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0549**	**0.0000**	**0.0549**	**8.3100e-003**	**0.0000**	**8.3100e-003**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1267	5.9518	1.3095	0.0157	0.2663	5.4400e-003	0.2718	0.0731	5.2100e-003	0.0783		1,708.0792	1,708.0792	0.1330		1,711.4052
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1267**	**5.9518**	**1.3095**	**0.0157**	**0.2663**	**5.4400e-003**	**0.2718**	**0.0731**	**5.2100e-003**	**0.0783**		**1,708.0792**	**1,708.0792**	**0.1330**		**1,711.4052**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0235	0.0000	0.0235	3.5500e-003	0.0000	3.5500e-003			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0235**	**0.0000**	**0.0235**	**3.5500e-003**	**0.0000**	**3.5500e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Hauling	0.1267	5.9518	1.3095	0.0157	0.2483	5.4400e-003	0.2537	0.0687	5.2100e-003	0.0739		1,708.0792	1,708.0792	0.1330		1,711.4052
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1267**	**5.9518**	**1.3095**	**0.0157**	**0.2483**	**5.4400e-003**	**0.2537**	**0.0687**	**5.2100e-003**	**0.0739**		**1,708.0792**	**1,708.0792**	**0.1330**		**1,711.4052**

3.7 Utility Trenching - 2023

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Off-Road	0.1947	1.9398	2.5553	3.5400e-003		0.1039	0.1039		0.0955	0.0955		342.4765	342.4765	0.1108		345.2456
Total	**0.1947**	**1.9398**	**2.5553**	**3.5400e-003**		**0.1039**	**0.1039**		**0.0955**	**0.0955**		**342.4765**	**342.4765**	**0.1108**		**345.2456**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0189	0.0120	0.1711	5.3000e-004	0.0559	4.3000e-004	0.0563	0.0148	3.9000e-004	0.0152		52.9241	52.9241	1.3700e-003		52.9583
Total	**0.0189**	**0.0120**	**0.1711**	**5.3000e-004**	**0.0559**	**4.3000e-004**	**0.0563**	**0.0148**	**3.9000e-004**	**0.0152**		**52.9241**	**52.9241**	**1.3700e-003**		**52.9583**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1947	1.9398	2.5553	3.5400e-003		0.1039	0.1039		0.0955	0.0955	0.0000	342.4765	342.4765	0.1108		345.2456
Total	**0.1947**	**1.9398**	**2.5553**	**3.5400e-003**		**0.1039**	**0.1039**		**0.0955**	**0.0955**	**0.0000**	**342.4765**	**342.4765**	**0.1108**		**345.2456**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0189	0.0120	0.1711	5.3000e-004	0.0515	4.3000e-004	0.0519	0.0138	3.9000e-004	0.0141		52.9241	52.9241	1.3700e-003		52.9583
Total	**0.0189**	**0.0120**	**0.1711**	**5.3000e-004**	**0.0515**	**4.3000e-004**	**0.0519**	**0.0138**	**3.9000e-004**	**0.0141**		**52.9241**	**52.9241**	**1.3700e-003**		**52.9583**

3.8 Asphalt Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6701	6.7059	9.1443	0.0140		0.3437	0.3437		0.3162	0.3162		1,357.8997	1,357.8997	0.4392		1,368.8791
Paving	0.1763					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8464**	**6.7059**	**9.1443**	**0.0140**		**0.3437**	**0.3437**		**0.3162**	**0.3162**		**1,357.8997**	**1,357.8997**	**0.4392**		**1,368.8791**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0566	0.0361	0.5133	1.5900e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		158.7723	158.7723	4.1000e-003		158.8748
Total	**0.0566**	**0.0361**	**0.5133**	**1.5900e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**158.7723**	**158.7723**	**4.1000e-003**		**158.8748**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6701	6.7059	9.1443	0.0140		0.3437	0.3437		0.3162	0.3162	0.0000	1,357.8997	1,357.8997	0.4392		1,368.8791
Paving	0.1763					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8464**	**6.7059**	**9.1443**	**0.0140**		**0.3437**	**0.3437**		**0.3162**	**0.3162**	**0.0000**	**1,357.8997**	**1,357.8997**	**0.4392**		**1,368.8791**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0566	0.0361	0.5133	1.5900e-003	0.1546	1.2800e-003	0.1558	0.0413	1.1700e-003	0.0424		158.7723	158.7723	4.1000e-003		158.8748
Total	**0.0566**	**0.0361**	**0.5133**	**1.5900e-003**	**0.1546**	**1.2800e-003**	**0.1558**	**0.0413**	**1.1700e-003**	**0.0424**		**158.7723**	**158.7723**	**4.1000e-003**		**158.8748**

3.9 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7758	7.3224	9.8638	0.0151		0.3796	0.3796		0.3594	0.3594		1,446.855 1	1,446.8551	0.2939		1,454.201 3
Total	**0.7758**	**7.3224**	**9.8638**	**0.0151**		**0.3796**	**0.3796**		**0.3594**	**0.3594**		**1,446.855 1**	**1,446.8551**	**0.2939**		**1,454.201 3**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0466	1.5413	0.4771	5.4200e-003	0.1409	1.7800e-003	0.1426	0.0406	1.7000e-003	0.0423		580.5963	580.5963	0.0305		581.3585
Worker	0.3318	0.2119	3.0115	9.3500e-003	0.9836	7.4800e-003	0.9911	0.2609	6.8900e-003	0.2678		931.4642	931.4642	0.0241		932.0657
Total	**0.3784**	**1.7532**	**3.4886**	**0.0148**	**1.1245**	**9.2600e-003**	**1.1337**	**0.3014**	**8.5900e-003**	**0.3100**		**1,512.060 5**	**1,512.0605**	**0.0546**		**1,513.424 1**

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Off-Road	0.7758	7.3224	9.8638	0.0151		0.3796	0.3796		0.3594	0.3594	0.0000	1,446.8551	1,446.8551	0.2939		1,454.2013
Total	**0.7758**	**7.3224**	**9.8638**	**0.0151**		**0.3796**	**0.3796**		**0.3594**	**0.3594**	**0.0000**	**1,446.8551**	**1,446.8551**	**0.2939**		**1,454.2013**

<u>Mitigated Construction Off-Site</u>

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0466	1.5413	0.4771	5.4200e-003	0.1318	1.7800e-003	0.1336	0.0383	1.7000e-003	0.0400		580.5963	580.5963	0.0305		581.3585
Worker	0.3318	0.2119	3.0115	9.3500e-003	0.9067	7.4800e-003	0.9142	0.2420	6.8900e-003	0.2489		931.4642	931.4642	0.0241		932.0657
Total	**0.3784**	**1.7532**	**3.4886**	**0.0148**	**1.0385**	**9.2600e-003**	**1.0478**	**0.2803**	**8.5900e-003**	**0.2889**		**1,512.0605**	**1,512.0605**	**0.0546**		**1,513.4241**

3.9 Building Construction - 2024

<u>Unmitigated Construction On-Site</u>

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					

Off-Road	0.7253	6.8460	9.8548	0.0151		0.3291	0.3291		0.3116	0.3116		1,447.1880	1,447.1880	0.2918		1,454.4821
Total	**0.7253**	**6.8460**	**9.8548**	**0.0151**		**0.3291**	**0.3291**		**0.3116**	**0.3116**		**1,447.1880**	**1,447.1880**	**0.2918**		**1,454.4821**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0454	1.5354	0.4626	5.3900e-003	0.1409	1.7600e-003	0.1426	0.0406	1.6800e-003	0.0422		578.2402	578.2402	0.0301		578.9914
Worker	0.3139	0.1932	2.8074	9.0500e-003	0.9836	7.3700e-003	0.9910	0.2609	6.7900e-003	0.2677		902.5969	902.5969	0.0221		903.1487
Total	**0.3593**	**1.7286**	**3.2700**	**0.0144**	**1.1245**	**9.1300e-003**	**1.1336**	**0.3014**	**8.4700e-003**	**0.3099**		**1,480.8370**	**1,480.8370**	**0.0521**		**1,482.1401**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7253	6.8460	9.8548	0.0151		0.3291	0.3291		0.3116	0.3116	0.0000	1,447.1880	1,447.1880	0.2918		1,454.4821
Total	**0.7253**	**6.8460**	**9.8548**	**0.0151**		**0.3291**	**0.3291**		**0.3116**	**0.3116**	**0.0000**	**1,447.1880**	**1,447.1880**	**0.2918**		**1,454.4821**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0454	1.5354	0.4626	5.3900e-003	0.1318	1.7600e-003	0.1336	0.0383	1.6800e-003	0.0400		578.2402	578.2402	0.0301		578.9914
Worker	0.3139	0.1932	2.8074	9.0500e-003	0.9067	7.3700e-003	0.9140	0.2420	6.7900e-003	0.2488		902.5969	902.5969	0.0221		903.1487
Total	**0.3593**	**1.7286**	**3.2700**	**0.0144**	**1.0385**	**9.1300e-003**	**1.0476**	**0.2803**	**8.4700e-003**	**0.2888**		**1,480.8370**	**1,480.8370**	**0.0521**		**1,482.1401**

3.10 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	130.5546					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	**130.9162**	**2.4376**	**3.6203**	**5.9400e-003**		**0.1218**	**0.1218**		**0.1218**	**0.1218**		**562.8961**	**562.8961**	**0.0317**		**563.6885**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0395	0.5742	1.8500e-003	0.2012	1.5100e-003	0.2027	0.0534	1.3900e-003	0.0548		184.6221	184.6221	4.5200e-003		184.7350
Total	**0.0642**	**0.0395**	**0.5742**	**1.8500e-003**	**0.2012**	**1.5100e-003**	**0.2027**	**0.0534**	**1.3900e-003**	**0.0548**		**184.6221**	**184.6221**	**4.5200e-003**		**184.7350**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	130.5546					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	**130.9162**	**2.4376**	**3.6203**	**5.9400e-003**		**0.1218**	**0.1218**		**0.1218**	**0.1218**	**0.0000**	**562.8961**	**562.8961**	**0.0317**		**563.6885**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0395	0.5742	1.8500e-003	0.1855	1.5100e-003	0.1870	0.0495	1.3900e-003	0.0509		184.6221	184.6221	4.5200e-003		184.7350
Total	**0.0642**	**0.0395**	**0.5742**	**1.8500e-003**	**0.1855**	**1.5100e-003**	**0.1870**	**0.0495**	**1.3900e-003**	**0.0509**		**184.6221**	**184.6221**	**4.5200e-003**		**184.7350**

Starlite Residential Development Project Construction

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	169.00	Dwelling Unit	5.28	346,004.00	483
Condo/Townhouse	38.00	Dwelling Unit	0.48	62,100.00	109
Recreational Swimming Pool	9.00	1000sqft	0.21	9,000.00	0
Parking Lot	4.20	1000sqft	0.10	4,200.00	0
Other Asphalt Surfaces	136.25	1000sqft	3.13	136,247.00	0
Other Non-Asphalt Surfaces	140.08	1000sqft	3.22	140,080.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2019 SCE Sustainability Report

Land Use - based on info from applicant, remainder of land use acreage assigned to single family home acreage (2.63 acres)

Construction Phase - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment -

Off-road Equipment - no additional equipment required for soil haul

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Grading -

Demolition -

Trips and VMT - based on info from applicant

Architectural Coating - assumes pool and associated structures would be treated as residential. Assumes only parking area would be coated.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 and Rule 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	4,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Parking	16,832.00	252.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	275,470.00	281,545.00
tblArchitecturalCoating	ConstArea_Residential_Interior	826,411.00	844,636.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	17.00
tblConstructionPhase	NumDays	20.00	3.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	30.00	64.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	20.00	48.00
tblConstructionPhase	NumDays	300.00	164.00

tblConstructionPhase	PhaseEndDate	11/4/2022	11/1/2022
tblGrading	MaterialImported	0.00	4,852.00
tblLandUse	LandUseSquareFeet	304,200.00	346,004.00
tblLandUse	LandUseSquareFeet	38,000.00	62,100.00
tblLandUse	LotAcreage	54.87	5.28
tblLandUse	LotAcreage	2.38	0.48
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	HaulingTripLength	20.00	6.00
tblTripsAndVMT	HaulingTripLength	20.00	5.00
tblTripsAndVMT	HaulingTripNumber	19.00	22.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	70.00	22.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	10.00	15.00
tblTripsAndVMT	WorkerTripNumber	210.00	88.00
tblTripsAndVMT	WorkerTripNumber	42.00	18.00
tblTripsAndVMT	WorkerTripNumber	10.00	15.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.2192	42.5046	34.2591	0.0725	8.9560	1.8177	10.7737	3.6721	1.6867	5.3588	0.0000	7,019.8797	7,019.8797	2.0007	0.0000	7,069.8970
2023	3.5498	40.7095	30.2422	0.0800	9.2437	1.4325	10.6762	3.7446	1.3181	5.0627	0.0000	7,937.0631	7,937.0631	2.0975	0.0000	7,989.5005
2024	132.1136	11.0698	17.0554	0.0365	1.3257	0.4616	1.7873	0.3548	0.4434	0.7982	0.0000	3,596.4764	3,596.4764	0.3801	0.0000	3,605.9798
Maximum	**132.1136**	**42.5046**	**34.2591**	**0.0800**	**9.2437**	**1.8177**	**10.7737**	**3.7446**	**1.6867**	**5.3588**	**0.0000**	**7,937.0631**	**7,937.0631**	**2.0975**	**0.0000**	**7,989.5005**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.2192	42.5046	34.2591	0.0725	3.9688	1.8177	5.7865	1.6077	1.6867	3.2944	0.0000	7,019.8797	7,019.8797	2.0007	0.0000	7,069.8970
2023	3.5498	40.7095	30.2422	0.0800	4.2096	1.4325	5.6421	1.6717	1.3181	2.9898	0.0000	7,937.0631	7,937.0631	2.0975	0.0000	7,989.5005
2024	132.1136	11.0698	17.0554	0.0365	1.2240	0.4616	1.6856	0.3298	0.4434	0.7732	0.0000	3,596.4764	3,596.4764	0.3801	0.0000	3,605.9798
Maximum	**132.1136**	**42.5046**	**34.2591**	**0.0800**	**4.2096**	**1.8177**	**5.7865**	**1.6717**	**1.6867**	**3.2944**	**0.0000**	**7,937.0631**	**7,937.0631**	**2.0975**	**0.0000**	**7,989.5005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**51.85**	**0.00**	**43.56**	**53.56**	**0.00**	**37.10**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Asphalt & Building Demolition	Demolition	10/10/2022	11/1/2022	5	17	a
2	Building Demolition Debris Haul	Demolition	10/28/2022	11/1/2022	5	3	b
3	Asphalt Demolition Debris Onsite Reprocessing	Demolition	11/5/2022	11/25/2022	5	15	c
4	Rough Grading	Grading	11/2/2022	1/30/2023	5	64	d
5	Rough Grading Soil Haul	Grading	1/9/2023	1/20/2023	5	10	e
6	Utility Trenching	Trenching	2/1/2023	7/3/2023	5	109	f
7	Asphalt Paving	Paving	7/5/2023	9/8/2023	5	48	g
8	Building Construction	Building Construction	9/12/2023	4/26/2024	5	164	h
9	Architectural Coating	Architectural Coating	3/31/2024	4/26/2024	5	20	i

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.45

Residential Indoor: 844,636; Residential Outdoor: 281,545; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	2	6.00	78	0.48
Asphalt & Building Demolition	Excavators	1	8.00	158	0.38
Asphalt & Building Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Demolition Debris Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Asphalt Demolition Debris Onsite Reprocessing	Concrete/Industrial Saws	0	8.00	81	0.73
Building Demolition Debris Haul	Excavators	0	8.00	158	0.38
Asphalt & Building Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Asphalt Demolition Debris Onsite Reprocessing	Excavators	0	8.00	158	0.38
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Rough Grading	Excavators	2	8.00	158	0.38
Rough Grading Soil Haul	Excavators	0	8.00	158	0.38
Rough Grading	Graders	1	8.00	187	0.41
Rough Grading Soil Haul	Graders	0	8.00	187	0.41
Asphalt Paving	Pavers	1	8.00	130	0.42
Asphalt Paving	Paving Equipment	1	8.00	132	0.36
Building Construction	Welders	0	8.00	46	0.45
Asphalt Paving	Rollers	2	8.00	80	0.38
Building Demolition Debris Haul	Rubber Tired Dozers	0	8.00	247	0.40
Asphalt Demolition Debris Onsite Reprocessing	Rubber Tired Dozers	0	8.00	247	0.40

Rough Grading	Rubber Tired Dozers	1	8.00	247	0.40
Rough Grading Soil Haul	Rubber Tired Dozers	0	8.00	247	0.40
Rough Grading	Scrapers	2	8.00	367	0.48
Rough Grading Soil Haul	Scrapers	0	8.00	367	0.48
Rough Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Rough Grading Soil Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Demolition Debris Haul	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Asphalt Demolition Debris Onsite Reprocessing	Crushing/Proc. Equipment	1	8.00	85	0.78
Utility Trenching	Trenchers	1	1.00	78	0.50
Utility Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Asphalt & Building Demolition	4	15.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Demolition Debris Haul	1	3.00	0.00	22.00	14.70	6.90	6.00	LD_Mix	HDT_Mix	HHDT
Asphalt Demolition Debris Onsite	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	88.00	22.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rough Grading	8	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rough Grading Soil Haul	0	0.00	0.00	607.00	14.70	6.90	5.00	LD_Mix	HDT_Mix	HHDT
Asphalt Paving	4	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utility Trenching	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Asphalt & Building Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2343	22.1655	14.0838	0.0285		1.0708	1.0708		0.9972	0.9972		2,746.7506	2,746.7506	0.7290		2,764.9757
Total	**2.2343**	**22.1655**	**14.0838**	**0.0285**		**1.0708**	**1.0708**		**0.9972**	**0.9972**		**2,746.7506**	**2,746.7506**	**0.7290**		**2,764.9757**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0120	0.3683	0.1063	9.9000e-004	0.0256	7.2000e-004	0.0263	7.3700e-003	6.9000e-004	8.0600e-003		105.9881	105.9881	6.6600e-003		106.1546
Worker	0.0672	0.0442	0.5088	1.5600e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		155.1854	155.1854	4.2700e-003		155.2922
Total	**0.0792**	**0.4125**	**0.6151**	**2.5500e-003**	**0.1933**	**2.0300e-003**	**0.1953**	**0.0518**	**1.9000e-003**	**0.0537**		**261.1735**	**261.1735**	**0.0109**		**261.4469**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2343	22.1655	14.0838	0.0285		1.0708	1.0708		0.9972	0.9972	0.0000	2,746.7506	2,746.7506	0.7290		2,764.9757
Total	**2.2343**	**22.1655**	**14.0838**	**0.0285**		**1.0708**	**1.0708**		**0.9972**	**0.9972**	**0.0000**	**2,746.7506**	**2,746.7506**	**0.7290**		**2,764.9757**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0120	0.3683	0.1063	9.9000e-004	0.0240	7.2000e-004	0.0247	6.9700e-003	6.9000e-004	7.6600e-003		105.9881	105.9881	6.6600e-003		106.1546
Worker	0.0672	0.0442	0.5088	1.5600e-003	0.1546	1.3100e-003	0.1559	0.0413	1.2100e-003	0.0425		155.1854	155.1854	4.2700e-003		155.2922
Total	**0.0792**	**0.4125**	**0.6151**	**2.5500e-003**	**0.1785**	**2.0300e-003**	**0.1805**	**0.0482**	**1.9000e-003**	**0.0501**		**261.1735**	**261.1735**	**0.0109**		**261.4469**

3.3 Building Demolition Debris Haul - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					1.3981	0.0000	1.3981	0.2117	0.0000	0.2117			0.0000			0.0000
Off-Road	0.1640	1.6689	2.2289	3.1000e-003		0.0898	0.0898		0.0826	0.0826		300.0177	300.0177	0.0970		302.4435
Total	**0.1640**	**1.6689**	**2.2289**	**3.1000e-003**	**1.3981**	**0.0898**	**1.4878**	**0.2117**	**0.0826**	**0.2943**		**300.0177**	**300.0177**	**0.0970**		**302.4435**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0265	1.0004	0.2225	2.1300e-003	0.0386	1.8100e-003	0.0404	0.0106	1.7300e-003	0.0123		231.5046	231.5046	0.0214		232.0399
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0134	8.8400e-003	0.1018	3.1000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		31.0371	31.0371	8.5000e-004		31.0585
Total	**0.0400**	**1.0093**	**0.3242**	**2.4400e-003**	**0.0721**	**2.0700e-003**	**0.0742**	**0.0195**	**1.9700e-003**	**0.0214**		**262.5417**	**262.5417**	**0.0223**		**263.0984**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5977	0.0000	0.5977	0.0905	0.0000	0.0905			0.0000			0.0000
Off-Road	0.1640	1.6689	2.2289	3.1000e-003		0.0898	0.0898		0.0826	0.0826	0.0000	300.0177	300.0177	0.0970		302.4435

Total	0.1640	1.6689	2.2289	3.1000e-003	0.5977	0.0898	0.6874	0.0905	0.0826	0.1731	0.0000	300.0177	300.0177	0.0970		302.4435

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0265	1.0004	0.2225	2.1300e-003	0.0360	1.8100e-003	0.0378	9.9400e-003	1.7300e-003	0.0117		231.5046	231.5046	0.0214		232.0399
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0134	8.8400e-003	0.1018	3.1000e-004	0.0309	2.6000e-004	0.0312	8.2500e-003	2.4000e-004	8.4900e-003		31.0371	31.0371	8.5000e-004		31.0585
Total	**0.0400**	**1.0093**	**0.3242**	**2.4400e-003**	**0.0669**	**2.0700e-003**	**0.0689**	**0.0182**	**1.9700e-003**	**0.0202**		**262.5417**	**262.5417**	**0.0223**		**263.0984**

3.4 Asphalt Demolition Debris Onsite Reprocessing - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4794	3.2250	4.3312	7.0200e-003		0.1801	0.1801		0.1801	0.1801		664.5301	664.5301	0.0433		665.6118
Total	**0.4794**	**3.2250**	**4.3312**	**7.0200e-003**		**0.1801**	**0.1801**		**0.1801**	**0.1801**		**664.5301**	**664.5301**	**0.0433**		**665.6118**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0134	8.8400e-003	0.1018	3.1000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		31.0371	31.0371	8.5000e-004		31.0585
Total	**0.0134**	**8.8400e-003**	**0.1018**	**3.1000e-004**	**0.0335**	**2.6000e-004**	**0.0338**	**8.8900e-003**	**2.4000e-004**	**9.1300e-003**		**31.0371**	**31.0371**	**8.5000e-004**		**31.0585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4794	3.2250	4.3312	7.0200e-003		0.1801	0.1801		0.1801	0.1801	0.0000	664.5301	664.5301	0.0433		665.6118
Total	**0.4794**	**3.2250**	**4.3312**	**7.0200e-003**		**0.1801**	**0.1801**		**0.1801**	**0.1801**	**0.0000**	**664.5301**	**664.5301**	**0.0433**		**665.6118**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0134	8.8400e-003	0.1018	3.1000e-004	0.0309	2.6000e-004	0.0312	8.2500e-003	2.4000e-004	8.4900e-003		31.0371	31.0371	8.5000e-004		31.0585
Total	**0.0134**	**8.8400e-003**	**0.1018**	**3.1000e-004**	**0.0309**	**2.6000e-004**	**0.0312**	**8.2500e-003**	**2.4000e-004**	**8.4900e-003**		**31.0371**	**31.0371**	**8.5000e-004**		**31.0585**

3.5 Rough Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0120	0.3683	0.1063	9.9000e-004	0.0256	7.2000e-004	0.0263	7.3700e-003	6.9000e-004	8.0600e-003		105.9881	105.9881	6.6600e-003		106.1546

Worker	0.0896	0.0589	0.6784	2.0800e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.1016**	**0.4272**	**0.7847**	**3.0700e-003**	**0.2492**	**2.4700e-003**	**0.2516**	**0.0667**	**2.3000e-003**	**0.0690**		**312.9020**	**312.9020**	**0.0124**		**313.2110**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.7079	0.0000	3.7079	1.5375	0.0000	1.5375			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**3.7079**	**1.6349**	**5.3427**	**1.5375**	**1.5041**	**3.0416**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0120	0.3683	0.1063	9.9000e-004	0.0240	7.2000e-004	0.0247	6.9700e-003	6.9000e-004	7.6600e-003		105.9881	105.9881	6.6600e-003		106.1546
Worker	0.0896	0.0589	0.6784	2.0800e-003	0.2061	1.7500e-003	0.2078	0.0550	1.6100e-003	0.0566		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.1016**	**0.4272**	**0.7847**	**3.0700e-003**	**0.2300**	**2.4700e-003**	**0.2325**	**0.0620**	**2.3000e-003**	**0.0643**		**312.9020**	**312.9020**	**0.0124**		**313.2110**

3.5 Rough Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**8.6733**	**1.4245**	**10.0978**	**3.5965**	**1.3105**	**4.9070**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0844	0.0533	0.6235	2.0000e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		199.3441	199.3441	5.1300e-003		199.4724
Total	**0.0933**	**0.3322**	**0.7180**	**2.9600e-003**	**0.2492**	**2.0400e-003**	**0.2512**	**0.0667**	**1.9000e-003**	**0.0686**		**302.0406**	**302.0406**	**0.0110**		**302.3155**

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Fugitive Dust					3.7079	0.0000	3.7079	1.5375	0.0000	1.5375			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**3.7079**	**1.4245**	**5.1323**	**1.5375**	**1.3105**	**2.8480**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0240	3.4000e-004	0.0243	6.9700e-003	3.3000e-004	7.3000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0844	0.0533	0.6235	2.0000e-003	0.2061	1.7000e-003	0.2078	0.0550	1.5700e-003	0.0566		199.3441	199.3441	5.1300e-003		199.4724
Total	**0.0933**	**0.3322**	**0.7180**	**2.9600e-003**	**0.2300**	**2.0400e-003**	**0.2321**	**0.0620**	**1.9000e-003**	**0.0639**		**302.0406**	**302.0406**	**0.0110**		**302.3155**

3.6 Rough Grading Soil Haul - 2023

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.0549	0.0000	0.0549	8.3100e-003	0.0000	8.3100e-003			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0549**	**0.0000**	**0.0549**	**8.3100e-003**	**0.0000**	**8.3100e-003**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1348	5.8617	1.4731	0.0149	0.2663	5.9400e-003	0.2723	0.0731	5.6900e-003	0.0788		1,623.5447	1,623.5447	0.1423		1,627.1015
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1348**	**5.8617**	**1.4731**	**0.0149**	**0.2663**	**5.9400e-003**	**0.2723**	**0.0731**	**5.6900e-003**	**0.0788**		**1,623.5447**	**1,623.5447**	**0.1423**		**1,627.1015**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0235	0.0000	0.0235	3.5500e-003	0.0000	3.5500e-003			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0235**	**0.0000**	**0.0235**	**3.5500e-003**	**0.0000**	**3.5500e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1348	5.8617	1.4731	0.0149	0.2483	5.9400e-003	0.2542	0.0687	5.6900e-003	0.0744		1,623.5447	1,623.5447	0.1423		1,627.1015
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1348**	**5.8617**	**1.4731**	**0.0149**	**0.2483**	**5.9400e-003**	**0.2542**	**0.0687**	**5.6900e-003**	**0.0744**		**1,623.5447**	**1,623.5447**	**0.1423**		**1,627.1015**

3.7 Utility Trenching - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1947	1.9398	2.5553	3.5400e-003		0.1039	0.1039		0.0955	0.0955		342.4765	342.4765	0.1108		345.2456
Total	**0.1947**	**1.9398**	**2.5553**	**3.5400e-003**		**0.1039**	**0.1039**		**0.0955**	**0.0955**		**342.4765**	**342.4765**	**0.1108**		**345.2456**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0211	0.0133	0.1559	5.0000e-004	0.0559	4.3000e-004	0.0563	0.0148	3.9000e-004	0.0152		49.8360	49.8360	1.2800e-003		49.8681
Total	**0.0211**	**0.0133**	**0.1559**	**5.0000e-004**	**0.0559**	**4.3000e-004**	**0.0563**	**0.0148**	**3.9000e-004**	**0.0152**		**49.8360**	**49.8360**	**1.2800e-003**		**49.8681**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1947	1.9398	2.5553	3.5400e-003		0.1039	0.1039		0.0955	0.0955	0.0000	342.4765	342.4765	0.1108		345.2456
Total	**0.1947**	**1.9398**	**2.5553**	**3.5400e-003**		**0.1039**	**0.1039**		**0.0955**	**0.0955**	**0.0000**	**342.4765**	**342.4765**	**0.1108**		**345.2456**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0211	0.0133	0.1559	5.0000e-004	0.0515	4.3000e-004	0.0519	0.0138	3.9000e-004	0.0141		49.8360	49.8360	1.2800e-003		49.8681
Total	**0.0211**	**0.0133**	**0.1559**	**5.0000e-004**	**0.0515**	**4.3000e-004**	**0.0519**	**0.0138**	**3.9000e-004**	**0.0141**		**49.8360**	**49.8360**	**1.2800e-003**		**49.8681**

3.8 Asphalt Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6701	6.7059	9.1443	0.0140		0.3437	0.3437		0.3162	0.3162		1,357.8997	1,357.8997	0.4392		1,368.8791
Paving	0.1763					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8464**	**6.7059**	**9.1443**	**0.0140**		**0.3437**	**0.3437**		**0.3162**	**0.3162**		**1,357.8997**	**1,357.8997**	**0.4392**		**1,368.8791**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0633	0.0400	0.4677	1.5000e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		149.5081	149.5081	3.8500e-003		149.6043
Total	**0.0633**	**0.0400**	**0.4677**	**1.5000e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**149.5081**	**149.5081**	**3.8500e-003**		**149.6043**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6701	6.7059	9.1443	0.0140		0.3437	0.3437		0.3162	0.3162	0.0000	1,357.8997	1,357.8997	0.4392		1,368.8791
Paving	0.1763					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8464**	**6.7059**	**9.1443**	**0.0140**		**0.3437**	**0.3437**		**0.3162**	**0.3162**	**0.0000**	**1,357.8997**	**1,357.8997**	**0.4392**		**1,368.8791**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0400	0.4677	1.5000e-003	0.1546	1.2800e-003	0.1558	0.0413	1.1700e-003	0.0424		149.5081	149.5081	3.8500e-003		149.6043
Total	**0.0633**	**0.0400**	**0.4677**	**1.5000e-003**	**0.1546**	**1.2800e-003**	**0.1558**	**0.0413**	**1.1700e-003**	**0.0424**		**149.5081**	**149.5081**	**3.8500e-003**		**149.6043**

3.9 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7758	7.3224	9.8638	0.0151		0.3796	0.3796		0.3594	0.3594		1,446.8551	1,446.8551	0.2939		1,454.2013
Total	**0.7758**	**7.3224**	**9.8638**	**0.0151**		**0.3796**	**0.3796**		**0.3594**	**0.3594**		**1,446.8551**	**1,446.8551**	**0.2939**		**1,454.2013**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0490	1.5343	0.5196	5.2700e-003	0.1409	1.8700e-003	0.1427	0.0406	1.7900e-003	0.0423		564.8309	564.8309	0.0323		565.6372
Worker	0.3713	0.2344	2.7436	8.8000e-003	0.9836	7.4800e-003	0.9911	0.2609	6.8900e-003	0.2678		877.1141	877.1141	0.0226		877.6784
Total	**0.4202**	**1.7687**	**3.2631**	**0.0141**	**1.1245**	**9.3500e-003**	**1.1338**	**0.3014**	**8.6800e-003**	**0.3101**		**1,441.9450**	**1,441.9450**	**0.0548**		**1,443.3156**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7758	7.3224	9.8638	0.0151		0.3796	0.3796		0.3594	0.3594	0.0000	1,446.8551	1,446.8551	0.2939		1,454.2013
Total	**0.7758**	**7.3224**	**9.8638**	**0.0151**		**0.3796**	**0.3796**		**0.3594**	**0.3594**	**0.0000**	**1,446.8551**	**1,446.8551**	**0.2939**		**1,454.2013**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0490	1.5343	0.5196	5.2700e-003	0.1318	1.8700e-003	0.1337	0.0383	1.7900e-003	0.0401		564.8309	564.8309	0.0323		565.6372
Worker	0.3713	0.2344	2.7436	8.8000e-003	0.9067	7.4800e-003	0.9142	0.2420	6.8900e-003	0.2489		877.1141	877.1141	0.0226		877.6784
Total	**0.4202**	**1.7687**	**3.2631**	**0.0141**	**1.0385**	**9.3500e-003**	**1.0478**	**0.2803**	**8.6800e-003**	**0.2890**		**1,441.9450**	**1,441.9450**	**0.0548**		**1,443.3156**

3.9 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Off-Road	0.7253	6.8460	9.8548	0.0151		0.3291	0.3291		0.3116	0.3116		1,447.1880	1,447.1880	0.2918		1,454.4821
Total	**0.7253**	**6.8460**	**9.8548**	**0.0151**		**0.3291**	**0.3291**		**0.3116**	**0.3116**		**1,447.1880**	**1,447.1880**	**0.2918**		**1,454.4821**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0478	1.5288	0.5038	5.2500e-003	0.1409	1.8400e-003	0.1427	0.0406	1.7600e-003	0.0423		562.6403	562.6403	0.0318		563.4343
Worker	0.3523	0.2137	2.5541	8.5200e-003	0.9836	7.3700e-003	0.9910	0.2609	6.7900e-003	0.2677		849.9073	849.9073	0.0207		850.4244
Total	**0.4001**	**1.7425**	**3.0579**	**0.0138**	**1.1245**	**9.2100e-003**	**1.1337**	**0.3014**	**8.5500e-003**	**0.3100**		**1,412.5476**	**1,412.5476**	**0.0524**		**1,413.8587**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7253	6.8460	9.8548	0.0151		0.3291	0.3291		0.3116	0.3116	0.0000	1,447.1880	1,447.1880	0.2918		1,454.4821
Total	**0.7253**	**6.8460**	**9.8548**	**0.0151**		**0.3291**	**0.3291**		**0.3116**	**0.3116**	**0.0000**	**1,447.1880**	**1,447.1880**	**0.2918**		**1,454.4821**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0478	1.5288	0.5038	5.2500e-003	0.1318	1.8400e-003	0.1337	0.0383	1.7600e-003	0.0401		562.6403	562.6403	0.0318		563.4343
Worker	0.3523	0.2137	2.5541	8.5200e-003	0.9067	7.3700e-003	0.9140	0.2420	6.7900e-003	0.2488		849.9073	849.9073	0.0207		850.4244
Total	**0.4001**	**1.7425**	**3.0579**	**0.0138**	**1.0385**	**9.2100e-003**	**1.0477**	**0.2803**	**8.5500e-003**	**0.2889**		**1,412.5476**	**1,412.5476**	**0.0524**		**1,413.8587**

3.10 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	130.5546					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	**130.9162**	**2.4376**	**3.6203**	**5.9400e-003**		**0.1218**	**0.1218**		**0.1218**	**0.1218**		**562.8961**	**562.8961**	**0.0317**		**563.6885**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0437	0.5224	1.7400e-003	0.2012	1.5100e-003	0.2027	0.0534	1.3900e-003	0.0548		173.8447	173.8447	4.2300e-003		173.9504
Total	**0.0721**	**0.0437**	**0.5224**	**1.7400e-003**	**0.2012**	**1.5100e-003**	**0.2027**	**0.0534**	**1.3900e-003**	**0.0548**		**173.8447**	**173.8447**	**4.2300e-003**		**173.9504**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	130.5546					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	**130.9162**	**2.4376**	**3.6203**	**5.9400e-003**		**0.1218**	**0.1218**		**0.1218**	**0.1218**	**0.0000**	**562.8961**	**562.8961**	**0.0317**		**563.6885**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0437	0.5224	1.7400e-003	0.1855	1.5100e-003	0.1870	0.0495	1.3900e-003	0.0509		173.8447	173.8447	4.2300e-003		173.9504
Total	**0.0721**	**0.0437**	**0.5224**	**1.7400e-003**	**0.1855**	**1.5100e-003**	**0.1870**	**0.0495**	**1.3900e-003**	**0.0509**		**173.8447**	**173.8447**	**4.2300e-003**		**173.9504**

Starlite Residential Development Project Construction

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	169.00	Dwelling Unit	5.28	346,004.00	483
Condo/Townhouse	38.00	Dwelling Unit	0.48	62,100.00	109
Recreational Swimming Pool	9.00	1000sqft	0.21	9,000.00	0
Parking Lot	4.20	1000sqft	0.10	4,200.00	0
Other Asphalt Surfaces	136.25	1000sqft	3.13	136,247.00	0
Other Non-Asphalt Surfaces	140.08	1000sqft	3.22	140,080.00	0

1.2 Other Project Characteristics

Urbanization Urban **Wind Speed (m/s)** 2.2 **Precipitation Freq (Days)** 33

Climate Zone 9 **Operational Year** 2024

Utility Company Southern California Edison

CO2 Intensity (lb/MWhr) 531.44 **CH4 Intensity (lb/MWhr)** 0.029 **N2O Intensity (lb/MWhr)** 0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2019 SCE Sustainability Report

Land Use - based on info from applicant, remainder of land use acreage assigned to single family home acreage (2.63 acres)

Construction Phase - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment -

Off-road Equipment - no additional equipment required for soil haul

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Grading -

Demolition -

Trips and VMT - based on info from applicant

Architectural Coating - assumes pool and associated structures would be treated as residential. Assumes only parking area would be coated.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 and Rule 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	4,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Parking	16,832.00	252.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	275,470.00	281,545.00
tblArchitecturalCoating	ConstArea_Residential_Interior	826,411.00	844,636.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	17.00
tblConstructionPhase	NumDays	20.00	3.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	30.00	64.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	20.00	48.00

tblConstructionPhase	NumDays	300.00	164.00
tblConstructionPhase	PhaseEndDate	11/4/2022	11/1/2022
tblGrading	MaterialImported	0.00	4,852.00
tblLandUse	LandUseSquareFeet	304,200.00	346,004.00
tblLandUse	LandUseSquareFeet	38,000.00	62,100.00
tblLandUse	LotAcreage	54.87	5.28
tblLandUse	LotAcreage	2.38	0.48
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	HaulingTripLength	20.00	6.00
tblTripsAndVMT	HaulingTripLength	20.00	5.00
tblTripsAndVMT	HaulingTripNumber	19.00	22.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	70.00	22.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	10.00	15.00
tblTripsAndVMT	WorkerTripNumber	210.00	88.00
tblTripsAndVMT	WorkerTripNumber	42.00	18.00
tblTripsAndVMT	WorkerTripNumber	10.00	15.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1035	1.0648	0.8037	1.7300e-003	0.2236	0.0458	0.2694	0.0826	0.0424	0.1249	0.0000	152.1919	152.1919	0.0443	0.0000	153.3001
2023	0.1155	1.0245	1.2089	2.5100e-003	0.2027	0.0443	0.2470	0.0585	0.0412	0.0997	0.0000	224.4514	224.4514	0.0469	0.0000	225.6241
2024	1.3561	0.3911	0.5926	1.3100e-003	0.0489	0.0156	0.0645	0.0131	0.0148	0.0280	0.0000	117.8619	117.8619	0.0136	0.0000	118.2013
Maximum	**1.3561**	**1.0648**	**1.2089**	**2.5100e-003**	**0.2236**	**0.0458**	**0.2694**	**0.0826**	**0.0424**	**0.1249**	**0.0000**	**224.4514**	**224.4514**	**0.0469**	**0.0000**	**225.6241**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1035	1.0648	0.8037	1.7300e-003	0.0992	0.0458	0.1450	0.0363	0.0424	0.0786	0.0000	152.1918	152.1918	0.0443	0.0000	153.2999
2023	0.1155	1.0245	1.2089	2.5100e-003	0.1136	0.0443	0.1580	0.0324	0.0412	0.0736	0.0000	224.4513	224.4513	0.0469	0.0000	225.6239
2024	1.3561	0.3911	0.5926	1.3100e-003	0.0451	0.0156	0.0607	0.0122	0.0148	0.0270	0.0000	117.8618	117.8618	0.0136	0.0000	118.2012
Maximum	**1.3561**	**1.0648**	**1.2089**	**2.5100e-003**	**0.1136**	**0.0458**	**0.1580**	**0.0363**	**0.0424**	**0.0786**	**0.0000**	**224.4513**	**224.4513**	**0.0469**	**0.0000**	**225.6239**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**45.72**	**0.00**	**37.40**	**47.59**	**0.00**	**29.06**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**10-10-2022**	**1-9-2023**	1.3033	1.3033
2	**1-10-2023**	**4-9-2023**	0.4082	0.4082
3	**4-10-2023**	**7-9-2023**	0.0794	0.0794
4	**7-10-2023**	**10-9-2023**	0.2690	0.2690
5	**10-10-2023**	**1-9-2024**	0.3362	0.3362
6	**1-10-2024**	**4-9-2024**	0.7922	0.7922
7	**4-10-2024**	**7-9-2024**	0.8689	0.8689
		Highest	1.3033	1.3033

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Asphalt & Building Demolition	Demolition	10/10/2022	11/1/2022	5	17	a

2	Building Demolition Debris Haul	Demolition	10/28/2022	11/1/2022	5	3	b
3	Asphalt Demolition Debris Onsite Reprocessing	Demolition	11/5/2022	11/25/2022	5	15	c
4	Rough Grading	Grading	11/2/2022	1/30/2023	5	64	d
5	Rough Grading Soil Haul	Grading	1/9/2023	1/20/2023	5	10	e
6	Utility Trenching	Trenching	2/1/2023	7/3/2023	5	109	f
7	Asphalt Paving	Paving	7/5/2023	9/8/2023	5	48	g
8	Building Construction	Building Construction	9/12/2023	4/26/2024	5	164	h
9	Architectural Coating	Architectural Coating	3/31/2024	4/26/2024	5	20	i

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.45

Residential Indoor: 844,636; Residential Outdoor: 281,545; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	2	6.00	78	0.48
Asphalt & Building Demolition	Excavators	1	8.00	158	0.38
Asphalt & Building Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Demolition Debris Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Asphalt Demolition Debris Onsite Reprocessing	Concrete/Industrial Saws	0	8.00	81	0.73
Building Demolition Debris Haul	Excavators	0	8.00	158	0.38
Asphalt & Building Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Asphalt Demolition Debris Onsite Reprocessing	Excavators	0	8.00	158	0.38
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Rough Grading	Excavators	2	8.00	158	0.38

Rough Grading Soil Haul	Excavators	0	8.00	158	0.38
Rough Grading	Graders	1	8.00	187	0.41
Rough Grading Soil Haul	Graders	0	8.00	187	0.41
Asphalt Paving	Pavers	1	8.00	130	0.42
Asphalt Paving	Paving Equipment	1	8.00	132	0.36
Building Construction	Welders	0	8.00	46	0.45
Asphalt Paving	Rollers	2	8.00	80	0.38
Building Demolition Debris Haul	Rubber Tired Dozers	0	8.00	247	0.40
Asphalt Demolition Debris Onsite Reprocessing	Rubber Tired Dozers	0	8.00	247	0.40
Rough Grading	Rubber Tired Dozers	1	8.00	247	0.40
Rough Grading Soil Haul	Rubber Tired Dozers	0	8.00	247	0.40
Rough Grading	Scrapers	2	8.00	367	0.48
Rough Grading Soil Haul	Scrapers	0	8.00	367	0.48
Rough Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Rough Grading Soil Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Demolition Debris Haul	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Asphalt Demolition Debris Onsite Reprocessing	Crushing/Proc. Equipment	1	8.00	85	0.78
Utility Trenching	Trenchers	1	1.00	78	0.50
Utility Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Asphalt & Building Demolition	4	15.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Demolition Debris Haul	1	3.00	0.00	22.00	14.70	6.90	6.00	LD_Mix	HDT_Mix	HHDT
Asphalt Demolition Debris Onsite	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	88.00	22.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rough Grading	8	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Rough Grading Soil Haul	0	0.00	0.00	607.00	14.70	6.90	5.00	LD_Mix	HDT_Mix	HHDT
Asphalt Paving	4	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utility Trenching	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Asphalt & Building Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0190	0.1884	0.1197	2.4000e-004		9.1000e-003	9.1000e-003		8.4800e-003	8.4800e-003	0.0000	21.1804	21.1804	5.6200e-003	0.0000	21.3209
Total	**0.0190**	**0.1884**	**0.1197**	**2.4000e-004**		**9.1000e-003**	**9.1000e-003**		**8.4800e-003**	**8.4800e-003**	**0.0000**	**21.1804**	**21.1804**	**5.6200e-003**	**0.0000**	**21.3209**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.1900e-003	8.6000e-004	1.0000e-005	2.1000e-004	1.0000e-005	2.2000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.8307	0.8307	5.0000e-005	0.0000	0.8320
Worker	5.1000e-004	3.9000e-004	4.4400e-003	1.0000e-005	1.4000e-003	1.0000e-005	1.4100e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.2166	1.2166	3.0000e-005	0.0000	1.2174
Total	**6.1000e-004**	**3.5800e-003**	**5.3000e-003**	**2.0000e-005**	**1.6100e-003**	**2.0000e-005**	**1.6300e-003**	**4.3000e-004**	**2.0000e-005**	**4.5000e-004**	**0.0000**	**2.0473**	**2.0473**	**8.0000e-005**	**0.0000**	**2.0494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0190	0.1884	0.1197	2.4000e-004		9.1000e-003	9.1000e-003		8.4800e-003	8.4800e-003	0.0000	21.1804	21.1804	5.6200e-003	0.0000	21.3209
Total	**0.0190**	**0.1884**	**0.1197**	**2.4000e-004**		**9.1000e-003**	**9.1000e-003**		**8.4800e-003**	**8.4800e-003**	**0.0000**	**21.1804**	**21.1804**	**5.6200e-003**	**0.0000**	**21.3209**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.1900e-003	8.6000e-004	1.0000e-005	2.0000e-004	1.0000e-005	2.1000e-004	6.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.8307	0.8307	5.0000e-005	0.0000	0.8320
Worker	5.1000e-004	3.9000e-004	4.4400e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.2166	1.2166	3.0000e-005	0.0000	1.2174

Total	**6.1000e-004**	**3.5800e-003**	**5.3000e-003**	**2.0000e-005**	**1.4900e-003**	**2.0000e-005**	**1.5100e-003**	**4.0000e-004**	**2.0000e-005**	**4.1000e-004**	**0.0000**	**2.0473**	**2.0473**	**8.0000e-005**	**0.0000**	**2.0494**

3.3 Building Demolition Debris Haul - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1000e-003	0.0000	2.1000e-003	3.2000e-004	0.0000	3.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5000e-004	2.5000e-003	3.3400e-003	0.0000		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4083	0.4083	1.3000e-004	0.0000	0.4116
Total	**2.5000e-004**	**2.5000e-003**	**3.3400e-003**	**0.0000**	**2.1000e-003**	**1.3000e-004**	**2.2300e-003**	**3.2000e-004**	**1.2000e-004**	**4.4000e-004**	**0.0000**	**0.4083**	**0.4083**	**1.3000e-004**	**0.0000**	**0.4116**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	1.5300e-003	3.1000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.3235	0.3235	3.0000e-005	0.0000	0.3242
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.6000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0429	0.0429	0.0000	0.0000	0.0430
Total	**6.0000e-005**	**1.5400e-003**	**4.7000e-004**	**0.0000**	**1.1000e-004**	**0.0000**	**1.1000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.3664**	**0.3664**	**3.0000e-005**	**0.0000**	**0.3672**

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Fugitive Dust					9.0000e-004	0.0000	9.0000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5000e-004	2.5000e-003	3.3400e-003	0.0000		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4083	0.4083	1.3000e-004	0.0000	0.4116
Total	**2.5000e-004**	**2.5000e-003**	**3.3400e-003**	**0.0000**	**9.0000e-004**	**1.3000e-004**	**1.0300e-003**	**1.4000e-004**	**1.2000e-004**	**2.6000e-004**	**0.0000**	**0.4083**	**0.4083**	**1.3000e-004**	**0.0000**	**0.4116**

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Hauling	4.0000e-005	1.5300e-003	3.1000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.3235	0.3235	3.0000e-005	0.0000	0.3242
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.6000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0429	0.0429	0.0000	0.0000	0.0430
Total	**6.0000e-005**	**1.5400e-003**	**4.7000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**1.1000e-004**	**2.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.3664**	**0.3664**	**3.0000e-005**	**0.0000**	**0.3672**

3.4 Asphalt Demolition Debris Onsite Reprocessing - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Off-Road	3.6000e-003	0.0242	0.0325	5.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	4.5214	4.5214	2.9000e-004	0.0000	4.5288
Total	**3.6000e-003**	**0.0242**	**0.0325**	**5.0000e-005**		**1.3500e-003**	**1.3500e-003**		**1.3500e-003**	**1.3500e-003**	**0.0000**	**4.5214**	**4.5214**	**2.9000e-004**	**0.0000**	**4.5288**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	7.8000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2147	0.2147	1.0000e-005	0.0000	0.2148
Total	**9.0000e-005**	**7.0000e-005**	**7.8000e-004**	**0.0000**	**2.5000e-004**	**0.0000**	**2.5000e-004**	**7.0000e-005**	**0.0000**	**7.0000e-005**	**0.0000**	**0.2147**	**0.2147**	**1.0000e-005**	**0.0000**	**0.2148**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6000e-003	0.0242	0.0325	5.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	4.5214	4.5214	2.9000e-004	0.0000	4.5287

Total	3.6000e-003	0.0242	0.0325	5.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	4.5214	4.5214	2.9000e-004	0.0000	4.5287

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	7.8000e-004	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2147	0.2147	1.0000e-005	0.0000	0.2148
Total	**9.0000e-005**	**7.0000e-005**	**7.8000e-004**	**0.0000**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.2147**	**0.2147**	**1.0000e-005**	**0.0000**	**0.2148**

3.5 Rough Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2143	0.0000	0.2143	0.0803	0.0000	0.0803	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0779	0.8351	0.6244	1.3300e-003		0.0352	0.0352		0.0323	0.0323	0.0000	117.2494	117.2494	0.0379	0.0000	118.1974
Total	**0.0779**	**0.8351**	**0.6244**	**1.3300e-003**	**0.2143**	**0.0352**	**0.2495**	**0.0803**	**0.0323**	**0.1127**	**0.0000**	**117.2494**	**117.2494**	**0.0379**	**0.0000**	**118.1974**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.0600e-003	2.1800e-003	2.0000e-005	5.4000e-004	2.0000e-005	5.6000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	2.1013	2.1013	1.3000e-004	0.0000	2.1044
Worker	1.7300e-003	1.3000e-003	0.0150	5.0000e-005	4.7100e-003	4.0000e-005	4.7500e-003	1.2500e-003	3.0000e-005	1.2900e-003	0.0000	4.1029	4.1029	1.1000e-004	0.0000	4.1057
Total	**1.9800e-003**	**9.3600e-003**	**0.0172**	**7.0000e-005**	**5.2500e-003**	**6.0000e-005**	**5.3100e-003**	**1.4100e-003**	**4.0000e-005**	**1.4600e-003**	**0.0000**	**6.2041**	**6.2041**	**2.4000e-004**	**0.0000**	**6.2101**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0916	0.0000	0.0916	0.0343	0.0000	0.0343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0779	0.8351	0.6244	1.3300e-003		0.0352	0.0352		0.0323	0.0323	0.0000	117.2493	117.2493	0.0379	0.0000	118.1973
Total	**0.0779**	**0.8351**	**0.6244**	**1.3300e-003**	**0.0916**	**0.0352**	**0.1268**	**0.0343**	**0.0323**	**0.0667**	**0.0000**	**117.2493**	**117.2493**	**0.0379**	**0.0000**	**118.1973**

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.0600e-003	2.1800e-003	2.0000e-005	5.1000e-004	2.0000e-005	5.2000e-004	1.5000e-004	1.0000e-005	1.6000e-004	0.0000	2.1013	2.1013	1.3000e-004	0.0000	2.1044
Worker	1.7300e-003	1.3000e-003	0.0150	5.0000e-005	4.3400e-003	4.0000e-005	4.3800e-003	1.1600e-003	3.0000e-005	1.2000e-003	0.0000	4.1029	4.1029	1.1000e-004	0.0000	4.1057
Total	**1.9800e-003**	**9.3600e-003**	**0.0172**	**7.0000e-005**	**4.8500e-003**	**6.0000e-005**	**4.9000e-003**	**1.3100e-003**	**4.0000e-005**	**1.3600e-003**	**0.0000**	**6.2041**	**6.2041**	**2.4000e-004**	**0.0000**	**6.2101**

3.5 Rough Grading - 2023

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Fugitive Dust					0.1481	0.0000	0.1481	0.0439	0.0000	0.0439	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0349	0.3624	0.2945	6.5000e-004		0.0150	0.0150		0.0138	0.0138	0.0000	57.2620	57.2620	0.0185	0.0000	57.7250
Total	**0.0349**	**0.3624**	**0.2945**	**6.5000e-004**	**0.1481**	**0.0150**	**0.1630**	**0.0439**	**0.0138**	**0.0577**	**0.0000**	**57.2620**	**57.2620**	**0.0185**	**0.0000**	**57.7250**

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.9800e-003	9.5000e-004	1.0000e-005	2.6000e-004	0.0000	2.7000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.9941	0.9941	5.0000e-005	0.0000	0.9954
Worker	8.0000e-004	5.7000e-004	6.7300e-003	2.0000e-005	2.3000e-003	2.0000e-005	2.3200e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	1.9304	1.9304	5.0000e-005	0.0000	1.9317
Total	**8.9000e-004**	**3.5500e-003**	**7.6800e-003**	**3.0000e-005**	**2.5600e-003**	**2.0000e-005**	**2.5900e-003**	**6.9000e-004**	**2.0000e-005**	**7.1000e-004**	**0.0000**	**2.9245**	**2.9245**	**1.0000e-004**	**0.0000**	**2.9271**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0633	0.0000	0.0633	0.0188	0.0000	0.0188	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0349	0.3624	0.2945	6.5000e-004		0.0150	0.0150		0.0138	0.0138	0.0000	57.2619	57.2619	0.0185	0.0000	57.7249
Total	**0.0349**	**0.3624**	**0.2945**	**6.5000e-004**	**0.0633**	**0.0150**	**0.0783**	**0.0188**	**0.0138**	**0.0325**	**0.0000**	**57.2619**	**57.2619**	**0.0185**	**0.0000**	**57.7249**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.9800e-003	9.5000e-004	1.0000e-005	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.9941	0.9941	5.0000e-005	0.0000	0.9954
Worker	8.0000e-004	5.7000e-004	6.7300e-003	2.0000e-005	2.1200e-003	2.0000e-005	2.1400e-003	5.7000e-004	2.0000e-005	5.8000e-004	0.0000	1.9304	1.9304	5.0000e-005	0.0000	1.9317

Total	8.9000e-004	3.5500e-003	7.6800e-003	3.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.9245	2.9245	1.0000e-004	0.0000	2.9271

3.6 Rough Grading Soil Haul - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.7000e-004**	**0.0000**	**2.7000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.5000e-004	0.0299	6.9400e-003	8.0000e-005	1.3100e-003	3.0000e-005	1.3400e-003	3.6000e-004	3.0000e-005	3.9000e-004	0.0000	7.5867	7.5867	6.2000e-004	0.0000	7.6022
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.5000e-004**	**0.0299**	**6.9400e-003**	**8.0000e-005**	**1.3100e-003**	**3.0000e-005**	**1.3400e-003**	**3.6000e-004**	**3.0000e-005**	**3.9000e-004**	**0.0000**	**7.5867**	**7.5867**	**6.2000e-004**	**0.0000**	**7.6022**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2000e-004	0.0000	1.2000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.2000e-004**	**0.0000**	**1.2000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.5000e-004	0.0299	6.9400e-003	8.0000e-005	1.2200e-003	3.0000e-005	1.2500e-003	3.4000e-004	3.0000e-005	3.7000e-004	0.0000	7.5867	7.5867	6.2000e-004	0.0000	7.6022
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.5000e-004**	**0.0299**	**6.9400e-003**	**8.0000e-005**	**1.2200e-003**	**3.0000e-005**	**1.2500e-003**	**3.4000e-004**	**3.0000e-005**	**3.7000e-004**	**0.0000**	**7.5867**	**7.5867**	**6.2000e-004**	**0.0000**	**7.6022**

3.7 Utility Trenching - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Off-Road	0.0106	0.1057	0.1393	1.9000e-004		5.6600e-003	5.6600e-003		5.2100e-003	5.2100e-003	0.0000	16.9326	16.9326	5.4800e-003	0.0000	17.0695
Total	**0.0106**	**0.1057**	**0.1393**	**1.9000e-004**		**5.6600e-003**	**5.6600e-003**		**5.2100e-003**	**5.2100e-003**	**0.0000**	**16.9326**	**16.9326**	**5.4800e-003**	**0.0000**	**17.0695**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0300e-003	7.5000e-004	8.7300e-003	3.0000e-005	2.9900e-003	2.0000e-005	3.0100e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.5049	2.5049	6.0000e-005	0.0000	2.5065
Total	**1.0300e-003**	**7.5000e-004**	**8.7300e-003**	**3.0000e-005**	**2.9900e-003**	**2.0000e-005**	**3.0100e-003**	**7.9000e-004**	**2.0000e-005**	**8.1000e-004**	**0.0000**	**2.5049**	**2.5049**	**6.0000e-005**	**0.0000**	**2.5065**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0106	0.1057	0.1393	1.9000e-004		5.6600e-003	5.6600e-003		5.2100e-003	5.2100e-003	0.0000	16.9326	16.9326	5.4800e-003	0.0000	17.0695

Total	0.0106	0.1057	0.1393	1.9000e-004		5.6600e-003	5.6600e-003		5.2100e-003	5.2100e-003	0.0000	16.9326	16.9326	5.4800e-003	0.0000	17.0695

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0300e-003	7.5000e-004	8.7300e-003	3.0000e-005	2.7500e-003	2.0000e-005	2.7800e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.5049	2.5049	6.0000e-005	0.0000	2.5065
Total	**1.0300e-003**	**7.5000e-004**	**8.7300e-003**	**3.0000e-005**	**2.7500e-003**	**2.0000e-005**	**2.7800e-003**	**7.4000e-004**	**2.0000e-005**	**7.6000e-004**	**0.0000**	**2.5049**	**2.5049**	**6.0000e-005**	**0.0000**	**2.5065**

3.8 Asphalt Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0161	0.1609	0.2195	3.4000e-004		8.2500e-003	8.2500e-003		7.5900e-003	7.5900e-003	0.0000	29.5648	29.5648	9.5600e-003	0.0000	29.8038
Paving	4.2300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0203**	**0.1609**	**0.2195**	**3.4000e-004**		**8.2500e-003**	**8.2500e-003**		**7.5900e-003**	**7.5900e-003**	**0.0000**	**29.5648**	**29.5648**	**9.5600e-003**	**0.0000**	**29.8038**

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3700e-003	9.9000e-004	0.0115	4.0000e-005	3.9400e-003	3.0000e-005	3.9800e-003	1.0500e-003	3.0000e-005	1.0800e-003	0.0000	3.3093	3.3093	9.0000e-005	0.0000	3.3114
Total	**1.3700e-003**	**9.9000e-004**	**0.0115**	**4.0000e-005**	**3.9400e-003**	**3.0000e-005**	**3.9800e-003**	**1.0500e-003**	**3.0000e-005**	**1.0800e-003**	**0.0000**	**3.3093**	**3.3093**	**9.0000e-005**	**0.0000**	**3.3114**

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Off-Road	0.0161	0.1609	0.2195	3.4000e-004		8.2500e-003	8.2500e-003		7.5900e-003	7.5900e-003	0.0000	29.5648	29.5648	9.5600e-003	0.0000	29.8038
Paving	4.2300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0203**	**0.1609**	**0.2195**	**3.4000e-004**		**8.2500e-003**	**8.2500e-003**		**7.5900e-003**	**7.5900e-003**	**0.0000**	**29.5648**	**29.5648**	**9.5600e-003**	**0.0000**	**29.8038**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3700e-003	9.9000e-004	0.0115	4.0000e-005	3.6400e-003	3.0000e-005	3.6700e-003	9.7000e-004	3.0000e-005	1.0000e-003	0.0000	3.3093	3.3093	9.0000e-005	0.0000	3.3114
Total	**1.3700e-003**	**9.9000e-004**	**0.0115**	**4.0000e-005**	**3.6400e-003**	**3.0000e-005**	**3.6700e-003**	**9.7000e-004**	**3.0000e-005**	**1.0000e-003**	**0.0000**	**3.3093**	**3.3093**	**9.0000e-005**	**0.0000**	**3.3114**

3.9 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0307	0.2892	0.3896	6.0000e-004		0.0150	0.0150		0.0142	0.0142	0.0000	51.8463	51.8463	0.0105	0.0000	52.1096
Total	**0.0307**	**0.2892**	**0.3896**	**6.0000e-004**		**0.0150**	**0.0150**		**0.0142**	**0.0142**	**0.0000**	**51.8463**	**51.8463**	**0.0105**	**0.0000**	**52.1096**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8800e-003	0.0616	0.0197	2.1000e-004	5.4700e-003	7.0000e-005	5.5500e-003	1.5800e-003	7.0000e-005	1.6500e-003	0.0000	20.5677	20.5677	1.1200e-003	0.0000	20.5957
Worker	0.0132	9.5100e-003	0.1114	3.5000e-004	0.0381	3.0000e-004	0.0384	0.0101	2.7000e-004	0.0104	0.0000	31.9528	31.9528	8.2000e-004	0.0000	31.9733
Total	**0.0151**	**0.0711**	**0.1311**	**5.6000e-004**	**0.0436**	**3.7000e-004**	**0.0439**	**0.0117**	**3.4000e-004**	**0.0120**	**0.0000**	**52.5205**	**52.5205**	**1.9400e-003**	**0.0000**	**52.5691**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0307	0.2892	0.3896	6.0000e-004		0.0150	0.0150		0.0142	0.0142	0.0000	51.8463	51.8463	0.0105	0.0000	52.1095
Total	**0.0307**	**0.2892**	**0.3896**	**6.0000e-004**		**0.0150**	**0.0150**		**0.0142**	**0.0142**	**0.0000**	**51.8463**	**51.8463**	**0.0105**	**0.0000**	**52.1095**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8800e-003	0.0616	0.0197	2.1000e-004	5.1300e-003	7.0000e-005	5.2000e-003	1.4900e-003	7.0000e-005	1.5600e-003	0.0000	20.5677	20.5677	1.1200e-003	0.0000	20.5957
Worker	0.0132	9.5100e-003	0.1114	3.5000e-004	0.0351	3.0000e-004	0.0354	9.3900e-003	2.7000e-004	9.6600e-003	0.0000	31.9528	31.9528	8.2000e-004	0.0000	31.9733

Total	0.0151	0.0711	0.1311	5.6000e-004	0.0403	3.7000e-004	0.0406	0.0109	3.4000e-004	0.0112	0.0000	52.5205	52.5205	1.9400e-003	0.0000	52.5691

3.9 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0308	0.2910	0.4188	6.4000e-004		0.0140	0.0140		0.0132	0.0132	0.0000	55.7968	55.7968	0.0113	0.0000	56.0781
Total	**0.0308**	**0.2910**	**0.4188**	**6.4000e-004**		**0.0140**	**0.0140**		**0.0132**	**0.0132**	**0.0000**	**55.7968**	**55.7968**	**0.0113**	**0.0000**	**56.0781**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9700e-003	0.0660	0.0206	2.3000e-004	5.8900e-003	8.0000e-005	5.9700e-003	1.7000e-003	7.0000e-005	1.7700e-003	0.0000	22.0417	22.0417	1.1900e-003	0.0000	22.0714
Worker	0.0134	9.3300e-003	0.1116	3.7000e-004	0.0410	3.1000e-004	0.0413	0.0109	2.9000e-004	0.0112	0.0000	33.3136	33.3136	8.1000e-004	0.0000	33.3339
Total	**0.0154**	**0.0753**	**0.1322**	**6.0000e-004**	**0.0469**	**3.9000e-004**	**0.0473**	**0.0126**	**3.6000e-004**	**0.0129**	**0.0000**	**55.3552**	**55.3552**	**2.0000e-003**	**0.0000**	**55.4052**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0308	0.2910	0.4188	6.4000e-004		0.0140	0.0140		0.0132	0.0132	0.0000	55.7968	55.7968	0.0113	0.0000	56.0780
Total	**0.0308**	**0.2910**	**0.4188**	**6.4000e-004**		**0.0140**	**0.0140**		**0.0132**	**0.0132**	**0.0000**	**55.7968**	**55.7968**	**0.0113**	**0.0000**	**56.0780**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9700e-003	0.0660	0.0206	2.3000e-004	5.5100e-003	8.0000e-005	5.5900e-003	1.6100e-003	7.0000e-005	1.6800e-003	0.0000	22.0417	22.0417	1.1900e-003	0.0000	22.0714
Worker	0.0134	9.3300e-003	0.1116	3.7000e-004	0.0378	3.1000e-004	0.0381	0.0101	2.9000e-004	0.0104	0.0000	33.3136	33.3136	8.1000e-004	0.0000	33.3339
Total	**0.0154**	**0.0753**	**0.1322**	**6.0000e-004**	**0.0433**	**3.9000e-004**	**0.0437**	**0.0117**	**3.6000e-004**	**0.0121**	**0.0000**	**55.3552**	**55.3552**	**2.0000e-003**	**0.0000**	**55.4052**

3.10 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Archit. Coating	1.3056					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137
Total	**1.3092**	**0.0244**	**0.0362**	**6.0000e-005**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**	**0.0000**	**5.1065**	**5.1065**	**2.9000e-004**	**0.0000**	**5.1137**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5000e-004	4.5000e-004	5.3700e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.6033	1.6033	4.0000e-005	0.0000	1.6043
Total	**6.5000e-004**	**4.5000e-004**	**5.3700e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.6033**	**1.6033**	**4.0000e-005**	**0.0000**	**1.6043**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.3056					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	3.6200e-003	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137
Total	**1.3092**	**0.0244**	**0.0362**	**6.0000e-005**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**	**0.0000**	**5.1065**	**5.1065**	**2.9000e-004**	**0.0000**	**5.1137**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5000e-004	4.5000e-004	5.3700e-003	2.0000e-005	1.8200e-003	2.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.6033	1.6033	4.0000e-005	0.0000	1.6043
Total	**6.5000e-004**	**4.5000e-004**	**5.3700e-003**	**2.0000e-005**	**1.8200e-003**	**2.0000e-005**	**1.8300e-003**	**4.9000e-004**	**1.0000e-005**	**5.0000e-004**	**0.0000**	**1.6033**	**1.6033**	**4.0000e-005**	**0.0000**	**1.6043**

CalEEMod Mitigated Construction Model

Starlite Residential Development Project Mitigated Construction

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	136.25	1000sqft	3.13	136,247.00	0
Other Non-Asphalt Surfaces	140.08	1000sqft	3.22	140,080.00	0
Parking Lot	4.20	1000sqft	0.10	4,200.00	0
Recreational Swimming Pool	9.00	1000sqft	0.21	9,000.00	0
Condo/Townhouse	38.00	Dwelling Unit	0.48	62,100.00	109
Single Family Housing	169.00	Dwelling Unit	5.28	346,004.00	483

1.2 Other Project Characteristics

Urbanization Urban

Wind Speed (m/s) 2.2

Precipitation Freq (Days) 33

Climate Zone 9

Operational Year 2024

Utility Company Southern California Edison

CO2 Intensity (lb/MWhr) 531.44

CH4 Intensity (lb/MWhr) 0.029

N2O Intensity (lb/MWhr) 0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2019 SCE Sustainability Report

Land Use - based on info from applicant, remainder of land use acreage assigned to single family home acreage (2.63 acres)

Construction Phase - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Trips and VMT - based on info from applicant

Demolition -

Grading -

Architectural Coating - assumes pool and associated structures would be treated as residential. Assumes only parking area would be coated. MM: 0 VOC paints for interior

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 and Rule 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	4,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Parking	16,832.00	252.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	275,470.00	281,545.00
tblArchitecturalCoating	ConstArea_Residential_Interior	826,411.00	844,636.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	0.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblLandUse	LandUseSquareFeet	136,250.00	136,247.00
tblLandUse	LandUseSquareFeet	38,000.00	62,100.00
tblLandUse	LandUseSquareFeet	304,200.00	346,004.00
tblLandUse	LotAcreage	2.38	0.48
tblLandUse	LotAcreage	54.87	5.28
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	WorkerTripNumber	42.00	18.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	33.1082	2.4771	4.1945	7.7900e-003	0.2012	0.1233	0.3245	0.0534	0.1232	0.1766	0.0000	747.5182	747.5182	0.0362	0.0000	748.4235
Maximum	**33.1082**	**2.4771**	**4.1945**	**7.7900e-003**	**0.2012**	**0.1233**	**0.3245**	**0.0534**	**0.1232**	**0.1766**	**0.0000**	**747.5182**	**747.5182**	**0.0362**	**0.0000**	**748.4235**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	33.1082	2.4771	4.1945	7.7900e-003	0.1855	0.1233	0.3088	0.0495	0.1232	0.1727	0.0000	747.5182	747.5182	0.0362	0.0000	748.4235
Maximum	**33.1082**	**2.4771**	**4.1945**	**7.7900e-003**	**0.1855**	**0.1233**	**0.3088**	**0.0495**	**0.1232**	**0.1727**	**0.0000**	**747.5182**	**747.5182**	**0.0362**	**0.0000**	**748.4235**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**7.82**	**0.00**	**4.85**	**7.25**	**0.00**	**2.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	3/31/2024	4/26/2024	5	20	i

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.45

Residential Indoor: 844,636; Residential Outdoor: 281,545; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	2	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.6824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	**33.0440**	**2.4376**	**3.6203**	**5.9400e-003**		**0.1218**	**0.1218**		**0.1218**	**0.1218**		**562.8961**	**562.8961**	**0.0317**		**563.6885**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0395	0.5742	1.8500e-003	0.2012	1.5100e-003	0.2027	0.0534	1.3900e-003	0.0548		184.6221	184.6221	4.5200e-003		184.7350
Total	**0.0642**	**0.0395**	**0.5742**	**1.8500e-003**	**0.2012**	**1.5100e-003**	**0.2027**	**0.0534**	**1.3900e-003**	**0.0548**		**184.6221**	**184.6221**	**4.5200e-003**		**184.7350**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.6824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	**33.0440**	**2.4376**	**3.6203**	**5.9400e-003**		**0.1218**	**0.1218**		**0.1218**	**0.1218**	**0.0000**	**562.8961**	**562.8961**	**0.0317**		**563.6885**

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0395	0.5742	1.8500e-003	0.1855	1.5100e-003	0.1870	0.0495	1.3900e-003	0.0509		184.6221	184.6221	4.5200e-003		184.7350
Total	**0.0642**	**0.0395**	**0.5742**	**1.8500e-003**	**0.1855**	**1.5100e-003**	**0.1870**	**0.0495**	**1.3900e-003**	**0.0509**		**184.6221**	**184.6221**	**4.5200e-003**		**184.7350**

Starlite Residential Development Project Mitigated Construction

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	136.25	1000sqft	3.13	136,247.00	0
Other Non-Asphalt Surfaces	140.08	1000sqft	3.22	140,080.00	0
Parking Lot	4.20	1000sqft	0.10	4,200.00	0
Recreational Swimming Pool	9.00	1000sqft	0.21	9,000.00	0
Condo/Townhouse	38.00	Dwelling Unit	0.48	62,100.00	109
Single Family Housing	169.00	Dwelling Unit	5.28	346,004.00	483

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2019 SCE Sustainability Report

Land Use - based on info from applicant, remainder of land use acreage assigned to single family home acreage (2.63 acres)

Construction Phase - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Trips and VMT - based on info from applicant

Demolition -

Grading -

Architectural Coating - assumes pool and associated structures would be treated as residential. Assumes only parking area would be coated. MM: 0 VOC paints for interior

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 and Rule 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	4,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Parking	16,832.00	252.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	275,470.00	281,545.00
tblArchitecturalCoating	ConstArea_Residential_Interior	826,411.00	844,636.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	0.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblLandUse	LandUseSquareFeet	136,250.00	136,247.00
tblLandUse	LandUseSquareFeet	38,000.00	62,100.00
tblLandUse	LandUseSquareFeet	304,200.00	346,004.00
tblLandUse	LotAcreage	2.38	0.48
tblLandUse	LotAcreage	54.87	5.28
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	WorkerTripNumber	42.00	18.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	33.1160	2.4813	4.1427	7.6800e-003	0.2012	0.1233	0.3245	0.0534	0.1232	0.1766	0.0000	736.7408	736.7408	0.0359	0.0000	737.6389
Maximum	**33.1160**	**2.4813**	**4.1427**	**7.6800e-003**	**0.2012**	**0.1233**	**0.3245**	**0.0534**	**0.1232**	**0.1766**	**0.0000**	**736.7408**	**736.7408**	**0.0359**	**0.0000**	**737.6389**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	33.1160	2.4813	4.1427	7.6800e-003	0.1855	0.1233	0.3088	0.0495	0.1232	0.1727	0.0000	736.7408	736.7408	0.0359	0.0000	737.6389
Maximum	**33.1160**	**2.4813**	**4.1427**	**7.6800e-003**	**0.1855**	**0.1233**	**0.3088**	**0.0495**	**0.1232**	**0.1727**	**0.0000**	**736.7408**	**736.7408**	**0.0359**	**0.0000**	**737.6389**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**7.82**	**0.00**	**4.85**	**7.25**	**0.00**	**2.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	3/31/2024	4/26/2024	5	20	i

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.45

Residential Indoor: 844,636; Residential Outdoor: 281,545; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	2	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.6824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	**33.0440**	**2.4376**	**3.6203**	**5.9400e-003**		**0.1218**	**0.1218**		**0.1218**	**0.1218**		**562.8961**	**562.8961**	**0.0317**		**563.6885**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0437	0.5224	1.7400e-003	0.2012	1.5100e-003	0.2027	0.0534	1.3900e-003	0.0548		173.8447	173.8447	4.2300e-003		173.9504
Total	**0.0721**	**0.0437**	**0.5224**	**1.7400e-003**	**0.2012**	**1.5100e-003**	**0.2027**	**0.0534**	**1.3900e-003**	**0.0548**		**173.8447**	**173.8447**	**4.2300e-003**		**173.9504**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.6824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	**33.0440**	**2.4376**	**3.6203**	**5.9400e-003**		**0.1218**	**0.1218**		**0.1218**	**0.1218**	**0.0000**	**562.8961**	**562.8961**	**0.0317**		**563.6885**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0437	0.5224	1.7400e-003	0.1855	1.5100e-003	0.1870	0.0495	1.3900e-003	0.0509		173.8447	173.8447	4.2300e-003		173.9504
Total	**0.0721**	**0.0437**	**0.5224**	**1.7400e-003**	**0.1855**	**1.5100e-003**	**0.1870**	**0.0495**	**1.3900e-003**	**0.0509**		**173.8447**	**173.8447**	**4.2300e-003**		**173.9504**

Starlite Residential Development Project Mitigated Construction

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	136.25	1000sqft	3.13	136,247.00	0
Other Non-Asphalt Surfaces	140.08	1000sqft	3.22	140,080.00	0
Parking Lot	4.20	1000sqft	0.10	4,200.00	0
Recreational Swimming Pool	9.00	1000sqft	0.21	9,000.00	0
Condo/Townhouse	38.00	Dwelling Unit	0.48	62,100.00	109
Single Family Housing	169.00	Dwelling Unit	5.28	346,004.00	483

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2019 SCE Sustainability Report

Land Use - based on info from applicant, remainder of land use acreage assigned to single family home acreage (2.63 acres)

Construction Phase - based on info from applicant

Off-road Equipment - based on info from applicant

Off-road Equipment - based on info from applicant

Trips and VMT - based on info from applicant

Demolition -

Grading -

Architectural Coating - assumes pool and associated structures would be treated as residential. Assumes only parking area would be coated. MM: 0 VOC paints for interior

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 and Rule 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	4,500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	13,500.00	0.00
tblArchitecturalCoating	ConstArea_Parking	16,832.00	252.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	275,470.00	281,545.00
tblArchitecturalCoating	ConstArea_Residential_Interior	826,411.00	844,636.00
tblArchitecturalCoating	EF_Residential_Interior	50.00	0.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblLandUse	LandUseSquareFeet	136,250.00	136,247.00
tblLandUse	LandUseSquareFeet	38,000.00	62,100.00
tblLandUse	LandUseSquareFeet	304,200.00	346,004.00
tblLandUse	LotAcreage	2.38	0.48
tblLandUse	LotAcreage	54.87	5.28
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	WorkerTripNumber	42.00	18.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3311	0.0248	0.0416	8.0000e-005	1.9700e-003	1.2300e-003	3.2100e-003	5.2000e-004	1.2300e-003	1.7600e-003	0.0000	6.7098	6.7098	3.3000e-004	0.0000	6.7180
Maximum	**0.3311**	**0.0248**	**0.0416**	**8.0000e-005**	**1.9700e-003**	**1.2300e-003**	**3.2100e-003**	**5.2000e-004**	**1.2300e-003**	**1.7600e-003**	**0.0000**	**6.7098**	**6.7098**	**3.3000e-004**	**0.0000**	**6.7180**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3311	0.0248	0.0416	8.0000e-005	1.8200e-003	1.2300e-003	3.0500e-003	4.9000e-004	1.2300e-003	1.7200e-003	0.0000	6.7098	6.7098	3.3000e-004	0.0000	6.7180
Maximum	**0.3311**	**0.0248**	**0.0416**	**8.0000e-005**	**1.8200e-003**	**1.2300e-003**	**3.0500e-003**	**4.9000e-004**	**1.2300e-003**	**1.7200e-003**	**0.0000**	**6.7098**	**6.7098**	**3.3000e-004**	**0.0000**	**6.7180**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**7.61**	**0.00**	**4.98**	**5.77**	**0.00**	**2.27**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	**Start Date**	**End Date**	**Maximum Unmitigated ROG + NOX (tons/quarter)**	**Maximum Mitigated ROG + NOX (tons/quarter)**
6	**1-10-2024**	**4-9-2024**	0.1271	0.1271
7	**4-10-2024**	**7-9-2024**	0.2161	0.2161
		Highest	0.2161	0.2161

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	3/31/2024	4/26/2024	5	20	i

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.45

Residential Indoor: 844,636; Residential Outdoor: 281,545; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	2	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3268					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137
Total	**0.3304**	**0.0244**	**0.0362**	**6.0000e-005**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**	**0.0000**	**5.1065**	**5.1065**	**2.9000e-004**	**0.0000**	**5.1137**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5000e-004	4.5000e-004	5.3700e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.6033	1.6033	4.0000e-005	0.0000	1.6043
Total	**6.5000e-004**	**4.5000e-004**	**5.3700e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.6033**	**1.6033**	**4.0000e-005**	**0.0000**	**1.6043**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Archit. Coating	0.3268					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137
Total	**0.3304**	**0.0244**	**0.0362**	**6.0000e-005**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**	**0.0000**	**5.1065**	**5.1065**	**2.9000e-004**	**0.0000**	**5.1137**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5000e-004	4.5000e-004	5.3700e-003	2.0000e-005	1.8200e-003	2.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.6033	1.6033	4.0000e-005	0.0000	1.6043
Total	**6.5000e-004**	**4.5000e-004**	**5.3700e-003**	**2.0000e-005**	**1.8200e-003**	**2.0000e-005**	**1.8300e-003**	**4.9000e-004**	**1.0000e-005**	**5.0000e-004**	**0.0000**	**1.6033**	**1.6033**	**4.0000e-005**	**0.0000**	**1.6043**

CalEEMod Operations Model

Starlite Residential Development Project Operations

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	136.25	1000sqft	3.13	136,247.00	0
Other Non-Asphalt Surfaces	140.08	1000sqft	3.22	140,080.00	0
Parking Lot	4.20	1000sqft	0.10	4,200.00	0
Recreational Swimming Pool	9.00	1000sqft	0.21	9,000.00	0
Condo/Townhouse	38.00	Dwelling Unit	0.48	62,100.00	109
Single Family Housing	169.00	Dwelling Unit	5.28	346,004.00	483

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2019 SCE Sustainability Report

Land Use - based on info provided by applicant, remainder of land use acreage assigned to single family home acreage (2.63 acres).

Construction Phase -

Vehicle Trips - based on trip generation provided by Iteris

Vehicle Emission Factors - see emfac emissions adjustment

Woodstoves - no fireplaces

Area Coating - assuming pool and associated buildings will be coated as residential. Assumes parking area to be striped only

Energy Use - based on adjustment from NORESCO study. See assumptions file for adjustmet calculations

Water And Wastewater - see USS section of MND. Assigns all water use to single family housing. Assumes 100% aerobic treatment.

Solid Waste - based on solid waste from USS section of MND.

Water Mitigation -

Fleet Mix - see fleet mix adjustment in assumptions file

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	4500	0
tblAreaCoating	Area_Nonresidential_Interior	13500	0
tblAreaCoating	Area_Parking	16832	252
tblAreaCoating	Area_Residential_Exterior	275470	281545
tblAreaCoating	Area_Residential_Interior	826411	844636
tblEnergyUse	T24E	243.83	238.95
tblEnergyUse	T24E	443.48	425.74
tblEnergyUse	T24NG	10,792.56	10,252.93
tblEnergyUse	T24NG	21,090.59	19,192.44
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	32.30	0.00
tblFireplaces	NumberGas	143.65	0.00
tblFireplaces	NumberNoFireplace	3.80	0.00
tblFireplaces	NumberNoFireplace	16.90	0.00

tblFireplaces	NumberWood	1.90	0.00
tblFireplaces	NumberWood	8.45	0.00
tblFleetMix	HHD	0.03	4.2240e-003
tblFleetMix	HHD	0.03	4.2240e-003
tblFleetMix	LDA	0.55	0.66
tblFleetMix	LDA	0.55	0.66
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.25
tblFleetMix	LDT2	0.21	0.25
tblFleetMix	LHD1	0.02	1.9960e-003
tblFleetMix	LHD1	0.02	1.9960e-003
tblFleetMix	LHD2	6.2530e-003	8.3200e-004
tblFleetMix	LHD2	6.2530e-003	8.3200e-004
tblFleetMix	MCY	5.2170e-003	6.6980e-003
tblFleetMix	MCY	5.2170e-003	6.6980e-003
tblFleetMix	MDV	0.12	0.02
tblFleetMix	MDV	0.12	0.02
tblFleetMix	MH	8.5000e-004	1.1300e-004
tblFleetMix	MH	8.5000e-004	1.1300e-004
tblFleetMix	MHD	0.02	2.7430e-003
tblFleetMix	MHD	0.02	2.7430e-003
tblFleetMix	OBUS	2.5600e-003	0.00
tblFleetMix	OBUS	2.5600e-003	0.00
tblFleetMix	SBUS	6.9600e-004	9.3000e-005
tblFleetMix	SBUS	6.9600e-004	9.3000e-005
tblFleetMix	UBUS	2.0710e-003	0.00
tblFleetMix	UBUS	2.0710e-003	0.00
tblLandUse	LandUseSquareFeet	136,250.00	136,247.00

tblLandUse	LandUseSquareFeet	38,000.00	62,100.00
tblLandUse	LandUseSquareFeet	304,200.00	346,004.00
tblLandUse	LotAcreage	2.38	0.48
tblLandUse	LotAcreage	54.87	5.28
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblSolidWaste	SolidWasteGenerationRate	17.48	0.00
tblSolidWaste	SolidWasteGenerationRate	51.30	0.00
tblSolidWaste	SolidWasteGenerationRate	198.03	324.85
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.09	0.08
tblVehicleEF	HHD	0.07	4.6362e-007
tblVehicleEF	HHD	1.60	6.61
tblVehicleEF	HHD	1.08	0.47
tblVehicleEF	HHD	3.29	8.3269e-003
tblVehicleEF	HHD	4,415.48	1,097.04
tblVehicleEF	HHD	1,567.39	1,379.15
tblVehicleEF	HHD	10.70	0.08
tblVehicleEF	HHD	13.98	5.45
tblVehicleEF	HHD	2.11	2.58
tblVehicleEF	HHD	19.48	2.35
tblVehicleEF	HHD	8.9530e-003	2.6642e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2770e-003	0.02
tblVehicleEF	HHD	9.2000e-005	1.1927e-006
tblVehicleEF	HHD	8.5660e-003	2.5490e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8420e-003	8.8994e-003
tblVehicleEF	HHD	6.0050e-003	0.02

tblVehicleEF	HHD	8.5000e-005	1.0967e-006
tblVehicleEF	HHD	9.9000e-005	7.8735e-006
tblVehicleEF	HHD	4.3090e-003	2.0119e-004
tblVehicleEF	HHD	0.41	0.48
tblVehicleEF	HHD	7.6000e-005	5.3773e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.5500e-004	8.2514e-005
tblVehicleEF	HHD	0.07	2.4556e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.6100e-004	7.7751e-007
tblVehicleEF	HHD	9.9000e-005	7.8735e-006
tblVehicleEF	HHD	4.3090e-003	2.0119e-004
tblVehicleEF	HHD	0.48	0.55
tblVehicleEF	HHD	7.6000e-005	5.3773e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.5500e-004	8.2514e-005
tblVehicleEF	HHD	0.08	2.6885e-006
tblVehicleEF	HHD	0.44	0.03
tblVehicleEF	HHD	0.09	0.08
tblVehicleEF	HHD	0.06	5.1512e-007
tblVehicleEF	HHD	1.17	6.61
tblVehicleEF	HHD	1.08	0.46
tblVehicleEF	HHD	3.12	9.0653e-003
tblVehicleEF	HHD	4,677.81	1,113.07
tblVehicleEF	HHD	1,567.39	1,398.54
tblVehicleEF	HHD	10.70	0.08
tblVehicleEF	HHD	14.43	5.50
tblVehicleEF	HHD	2.00	2.56

tblVehicleEF	HHD	19.47	2.35
tblVehicleEF	HHD	7.5480e-003	2.7790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2770e-003	0.02
tblVehicleEF	HHD	9.2000e-005	1.3513e-006
tblVehicleEF	HHD	7.2220e-003	2.6588e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8420e-003	8.8984e-003
tblVehicleEF	HHD	6.0050e-003	0.02
tblVehicleEF	HHD	8.5000e-005	1.2425e-006
tblVehicleEF	HHD	1.5000e-004	9.2271e-006
tblVehicleEF	HHD	4.4160e-003	2.3361e-004
tblVehicleEF	HHD	0.38	0.48
tblVehicleEF	HHD	1.0700e-004	6.2951e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.4300e-004	9.7110e-005
tblVehicleEF	HHD	0.07	2.7227e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.5800e-004	8.3274e-007
tblVehicleEF	HHD	1.5000e-004	9.2271e-006
tblVehicleEF	HHD	4.4160e-003	2.3361e-004
tblVehicleEF	HHD	0.45	0.55
tblVehicleEF	HHD	1.0700e-004	6.2951e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.4300e-004	9.7110e-005
tblVehicleEF	HHD	0.07	2.9810e-006
tblVehicleEF	HHD	0.50	0.02

tblVehicleEF	HHD	0.09	9.8656e-004
tblVehicleEF	HHD	0.07	4.8874e-007
tblVehicleEF	HHD	2.21	6.73
tblVehicleEF	HHD	1.08	0.24
tblVehicleEF	HHD	3.32	8.8540e-003
tblVehicleEF	HHD	4,053.22	1,107.93
tblVehicleEF	HHD	1,567.39	1,323.93
tblVehicleEF	HHD	10.70	0.08
tblVehicleEF	HHD	13.36	5.94
tblVehicleEF	HHD	2.08	2.64
tblVehicleEF	HHD	19.48	2.35
tblVehicleEF	HHD	0.01	3.3888e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	6.2770e-003	0.02
tblVehicleEF	HHD	9.2000e-005	1.1927e-006
tblVehicleEF	HHD	0.01	3.2422e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8420e-003	8.7489e-003
tblVehicleEF	HHD	6.0050e-003	0.02
tblVehicleEF	HHD	8.5000e-005	1.0967e-006
tblVehicleEF	HHD	9.6000e-005	5.2150e-006
tblVehicleEF	HHD	4.5590e-003	2.2209e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	7.3000e-005	3.5631e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.8700e-004	8.9534e-005
tblVehicleEF	HHD	0.07	2.5791e-006
tblVehicleEF	HHD	0.04	0.01

tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.6100e-004	7.8578e-007
tblVehicleEF	HHD	9.6000e-005	5.2150e-006
tblVehicleEF	HHD	4.5590e-003	2.2209e-004
tblVehicleEF	HHD	0.52	0.47
tblVehicleEF	HHD	7.3000e-005	3.5631e-006
tblVehicleEF	HHD	0.20	0.02
tblVehicleEF	HHD	3.8700e-004	8.9534e-005
tblVehicleEF	HHD	0.08	2.8237e-006
tblVehicleEF	LDA	4.4230e-003	2.5270e-003
tblVehicleEF	LDA	4.1600e-003	0.04
tblVehicleEF	LDA	0.57	0.69
tblVehicleEF	LDA	0.95	1.68
tblVehicleEF	LDA	253.91	271.51
tblVehicleEF	LDA	52.79	50.50
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.15
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	2.0900e-003	1.6549e-003
tblVehicleEF	LDA	2.2190e-003	1.6911e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.9260e-003	1.5241e-003
tblVehicleEF	LDA	2.0400e-003	1.5549e-003
tblVehicleEF	LDA	0.03	0.07
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.06
tblVehicleEF	LDA	0.01	9.5250e-003

tblVehicleEF	LDA	0.04	0.02
tblVehicleEF	LDA	0.06	0.17
tblVehicleEF	LDA	2.5430e-003	2.6318e-003
tblVehicleEF	LDA	5.4400e-004	4.8965e-004
tblVehicleEF	LDA	0.03	0.07
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.06
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.04	0.02
tblVehicleEF	LDA	0.06	0.18
tblVehicleEF	LDA	4.7040e-003	2.8292e-003
tblVehicleEF	LDA	3.7040e-003	0.04
tblVehicleEF	LDA	0.63	0.73
tblVehicleEF	LDA	0.81	1.74
tblVehicleEF	LDA	265.72	279.34
tblVehicleEF	LDA	52.79	52.16
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	2.0900e-003	1.7127e-003
tblVehicleEF	LDA	2.2190e-003	1.7623e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.9260e-003	1.5777e-003
tblVehicleEF	LDA	2.0400e-003	1.6204e-003
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.04	0.06

tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.6610e-003	2.7078e-003
tblVehicleEF	LDA	5.4100e-004	5.0571e-004
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.05	0.20
tblVehicleEF	LDA	4.3320e-003	2.3135e-003
tblVehicleEF	LDA	4.2560e-003	0.04
tblVehicleEF	LDA	0.55	0.60
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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	2.0900e-003	1.6549e-003
tblVehicleEF	LDA	2.2190e-003	1.6911e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.9260e-003	1.5241e-003
tblVehicleEF	LDA	2.0400e-003	1.5549e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.10	0.10

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.8101e-003
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.4990e-003	2.4810e-003
tblVehicleEF	LDA	5.4400e-004	4.9594e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	0.01	6.2921e-003
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	1.40	1.28
tblVehicleEF	LDT1	2.25	1.80
tblVehicleEF	LDT1	322.00	319.70
tblVehicleEF	LDT1	65.45	60.24
tblVehicleEF	LDT1	0.13	0.08
tblVehicleEF	LDT1	0.13	0.20
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	3.2340e-003	2.3497e-003
tblVehicleEF	LDT1	3.1500e-003	2.2896e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.9770e-003	2.1620e-003
tblVehicleEF	LDT1	2.8970e-003	2.1052e-003
tblVehicleEF	LDT1	0.11	0.16

tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	0.09	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.16	0.07
tblVehicleEF	LDT1	0.15	0.25
tblVehicleEF	LDT1	3.2370e-003	3.0995e-003
tblVehicleEF	LDT1	6.9400e-004	5.8407e-004
tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	0.09	0.13
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.16	0.07
tblVehicleEF	LDT1	0.16	0.28
tblVehicleEF	LDT1	0.01	7.0910e-003
tblVehicleEF	LDT1	9.8770e-003	0.06
tblVehicleEF	LDT1	1.52	1.41
tblVehicleEF	LDT1	1.91	1.86
tblVehicleEF	LDT1	336.08	326.72
tblVehicleEF	LDT1	65.45	61.91
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.12	0.22
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	3.2340e-003	2.4947e-003
tblVehicleEF	LDT1	3.1500e-003	2.4463e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.9770e-003	2.2954e-003
tblVehicleEF	LDT1	2.8970e-003	2.2494e-003

tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.08
tblVehicleEF	LDT1	0.13	0.28
tblVehicleEF	LDT1	3.3800e-003	3.1676e-003
tblVehicleEF	LDT1	6.8800e-004	6.0018e-004
tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.14	0.08
tblVehicleEF	LDT1	0.15	0.31
tblVehicleEF	LDT1	0.01	5.8250e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.36	1.14
tblVehicleEF	LDT1	2.32	2.18
tblVehicleEF	LDT1	316.82	303.81
tblVehicleEF	LDT1	65.45	60.99
tblVehicleEF	LDT1	0.13	0.09
tblVehicleEF	LDT1	0.13	0.22
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	3.2340e-003	2.3497e-003
tblVehicleEF	LDT1	3.1500e-003	2.2896e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.9770e-003	2.1620e-003

tblVehicleEF	LDT1	2.8970e-003	2.1052e-003
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.26	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.18	0.09
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	3.1850e-003	2.9454e-003
tblVehicleEF	LDT1	6.9500e-004	5.9132e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.26	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.18	0.09
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT2	6.1600e-003	4.2736e-003
tblVehicleEF	LDT2	5.0900e-003	0.05
tblVehicleEF	LDT2	0.76	0.96
tblVehicleEF	LDT2	1.14	2.10
tblVehicleEF	LDT2	357.41	335.60
tblVehicleEF	LDT2	72.80	63.85
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.08	0.21
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	2.1810e-003	1.7734e-003
tblVehicleEF	LDT2	2.3970e-003	1.7548e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

tblVehicleEF	LDT2	2.0060e-003	1.6322e-003
tblVehicleEF	LDT2	2.2040e-003	1.6135e-003
tblVehicleEF	LDT2	0.04	0.10
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.07	0.23
tblVehicleEF	LDT2	3.5800e-003	3.2531e-003
tblVehicleEF	LDT2	7.4700e-004	6.1899e-004
tblVehicleEF	LDT2	0.04	0.10
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.09
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.08	0.26
tblVehicleEF	LDT2	6.5370e-003	4.7109e-003
tblVehicleEF	LDT2	4.5360e-003	0.06
tblVehicleEF	LDT2	0.83	1.03
tblVehicleEF	LDT2	0.98	2.18
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tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.08	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	2.1810e-003	1.8262e-003
tblVehicleEF	LDT2	2.3970e-003	1.8187e-003
tblVehicleEF	LDT2	0.02	0.02

tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	2.0060e-003	1.6808e-003
tblVehicleEF	LDT2	2.2040e-003	1.6722e-003
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tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.06	0.26
tblVehicleEF	LDT2	3.7410e-003	3.3624e-003
tblVehicleEF	LDT2	7.4400e-004	6.4329e-004
tblVehicleEF	LDT2	0.06	0.11
tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.07	0.28
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tblVehicleEF	LDT2	5.2090e-003	0.06
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tblVehicleEF	LDT2	72.80	64.68
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.08	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	2.1810e-003	1.7734e-003
tblVehicleEF	LDT2	2.3970e-003	1.7548e-003

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	2.0060e-003	1.6322e-003
tblVehicleEF	LDT2	2.2040e-003	1.6135e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.07	0.27
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tblVehicleEF	LDT2	7.4800e-004	6.2709e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.9880e-003	5.1438e-003
tblVehicleEF	LHD1	9.2560e-003	4.5391e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.66	0.51
tblVehicleEF	LHD1	2.37	0.99
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tblVehicleEF	LHD1	0.78	0.45

tblVehicleEF	LHD1	0.89	0.28
tblVehicleEF	LHD1	8.3700e-004	8.1539e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7826e-003
tblVehicleEF	LHD1	8.5610e-003	5.7485e-003
tblVehicleEF	LHD1	8.8500e-004	2.5368e-004
tblVehicleEF	LHD1	8.0100e-004	7.8012e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5540e-003	2.4456e-003
tblVehicleEF	LHD1	8.1660e-003	5.4721e-003
tblVehicleEF	LHD1	8.1400e-004	2.3325e-004
tblVehicleEF	LHD1	2.7900e-003	3.1859e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7340e-003	1.8617e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.17
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	8.9000e-005	8.4839e-005
tblVehicleEF	LHD1	5.7670e-003	6.2545e-003
tblVehicleEF	LHD1	3.5400e-004	1.1452e-004
tblVehicleEF	LHD1	2.7900e-003	3.1859e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7340e-003	1.8617e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.17
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	4.9880e-003	5.3761e-003

tblVehicleEF	LHD1	9.4510e-003	5.0878e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.67	0.58
tblVehicleEF	LHD1	2.26	1.03
tblVehicleEF	LHD1	8.95	8.81
tblVehicleEF	LHD1	588.36	653.00
tblVehicleEF	LHD1	31.02	11.97
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.73	0.52
tblVehicleEF	LHD1	0.85	0.30
tblVehicleEF	LHD1	8.3700e-004	7.8359e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7291e-003
tblVehicleEF	LHD1	8.5610e-003	5.9884e-003
tblVehicleEF	LHD1	8.8500e-004	2.6819e-004
tblVehicleEF	LHD1	8.0100e-004	7.4969e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5540e-003	2.4323e-003
tblVehicleEF	LHD1	8.1660e-003	5.7009e-003
tblVehicleEF	LHD1	8.1400e-004	2.4659e-004
tblVehicleEF	LHD1	4.1640e-003	3.4572e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4160e-003	2.0042e-003
tblVehicleEF	LHD1	0.06	0.05
tblVehicleEF	LHD1	0.28	0.18
tblVehicleEF	LHD1	0.21	0.07
tblVehicleEF	LHD1	8.9000e-005	8.5605e-005

tblVehicleEF	LHD1	5.7670e-003	6.3745e-003
tblVehicleEF	LHD1	3.5200e-004	1.1848e-004
tblVehicleEF	LHD1	4.1640e-003	3.4572e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.4160e-003	2.0042e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.28	0.18
tblVehicleEF	LHD1	0.23	0.08
tblVehicleEF	LHD1	4.9880e-003	5.1306e-003
tblVehicleEF	LHD1	9.2060e-003	4.4356e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.66	0.50
tblVehicleEF	LHD1	2.39	1.04
tblVehicleEF	LHD1	8.95	8.74
tblVehicleEF	LHD1	588.36	641.00
tblVehicleEF	LHD1	31.02	11.67
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.76	0.47
tblVehicleEF	LHD1	0.89	0.30
tblVehicleEF	LHD1	8.3700e-004	8.1539e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7826e-003
tblVehicleEF	LHD1	8.5610e-003	5.7485e-003
tblVehicleEF	LHD1	8.8500e-004	2.5368e-004
tblVehicleEF	LHD1	8.0100e-004	7.8012e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5540e-003	2.4456e-003

tblVehicleEF	LHD1	8.1660e-003	5.4721e-003
tblVehicleEF	LHD1	8.1400e-004	2.3325e-004
tblVehicleEF	LHD1	2.9050e-003	2.2616e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7020e-003	1.3351e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.31	0.19
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	8.9000e-005	8.4839e-005
tblVehicleEF	LHD1	5.7670e-003	6.2543e-003
tblVehicleEF	LHD1	3.5400e-004	1.1545e-004
tblVehicleEF	LHD1	2.9050e-003	2.2616e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7020e-003	1.3351e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.19
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD2	3.5180e-003	3.5633e-003
tblVehicleEF	LHD2	3.4110e-003	3.2788e-003
tblVehicleEF	LHD2	6.5620e-003	8.8868e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.28	0.35
tblVehicleEF	LHD2	1.17	0.65
tblVehicleEF	LHD2	13.57	13.29
tblVehicleEF	LHD2	605.98	642.03
tblVehicleEF	LHD2	26.15	8.77
tblVehicleEF	LHD2	0.09	0.08

tblVehicleEF	LHD2	0.46	0.58
tblVehicleEF	LHD2	0.46	0.19
tblVehicleEF	LHD2	1.1260e-003	1.3052e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.0770e-003	9.4980e-003
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tblVehicleEF	LHD2	1.0770e-003	1.2487e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6710e-003	2.6534e-003
tblVehicleEF	LHD2	7.7140e-003	9.0713e-003
tblVehicleEF	LHD2	3.8700e-004	1.3161e-004
tblVehicleEF	LHD2	9.3900e-004	1.9234e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.4000e-004	1.1636e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.10
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2730e-004
tblVehicleEF	LHD2	5.9000e-003	6.2092e-003
tblVehicleEF	LHD2	2.8200e-004	8.6758e-005
tblVehicleEF	LHD2	9.3900e-004	1.9234e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.4000e-004	1.1636e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.10
tblVehicleEF	LHD2	0.10	0.05

tblVehicleEF	LHD2	3.5180e-003	3.7479e-003
tblVehicleEF	LHD2	3.4510e-003	3.5743e-003
tblVehicleEF	LHD2	6.3490e-003	9.7971e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.28	0.39
tblVehicleEF	LHD2	1.12	0.69
tblVehicleEF	LHD2	13.57	13.36
tblVehicleEF	LHD2	605.98	654.07
tblVehicleEF	LHD2	26.15	9.16
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	0.44	0.67
tblVehicleEF	LHD2	0.44	0.21
tblVehicleEF	LHD2	1.1260e-003	1.2759e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.0770e-003	9.6267e-003
tblVehicleEF	LHD2	4.2100e-004	1.5202e-004
tblVehicleEF	LHD2	1.0770e-003	1.2207e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6710e-003	2.6429e-003
tblVehicleEF	LHD2	7.7140e-003	9.1939e-003
tblVehicleEF	LHD2	3.8700e-004	1.3978e-004
tblVehicleEF	LHD2	1.3970e-003	2.1079e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.8800e-004	1.2531e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.06	0.11
tblVehicleEF	LHD2	0.09	0.05

tblVehicleEF	LHD2	1.3300e-004	1.2803e-004
tblVehicleEF	LHD2	5.9000e-003	6.3287e-003
tblVehicleEF	LHD2	2.8100e-004	9.0638e-005
tblVehicleEF	LHD2	1.3970e-003	2.1079e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.8800e-004	1.2531e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.06	0.11
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	3.5180e-003	3.5541e-003
tblVehicleEF	LHD2	3.4000e-003	3.2376e-003
tblVehicleEF	LHD2	6.6050e-003	9.2660e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.28	0.35
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.57	13.29
tblVehicleEF	LHD2	605.98	642.02
tblVehicleEF	LHD2	26.15	8.83
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	0.46	0.61
tblVehicleEF	LHD2	0.46	0.21
tblVehicleEF	LHD2	1.1260e-003	1.3052e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.0770e-003	9.4980e-003
tblVehicleEF	LHD2	4.2100e-004	1.4313e-004
tblVehicleEF	LHD2	1.0770e-003	1.2487e-003
tblVehicleEF	LHD2	0.04	0.04

tblVehicleEF	LHD2	2.6710e-003	2.6534e-003
tblVehicleEF	LHD2	7.7140e-003	9.0713e-003
tblVehicleEF	LHD2	3.8700e-004	1.3161e-004
tblVehicleEF	LHD2	9.4200e-004	1.3333e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.1900e-004	8.1693e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.11
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3300e-004	1.2730e-004
tblVehicleEF	LHD2	5.9000e-003	6.2091e-003
tblVehicleEF	LHD2	2.8200e-004	8.7371e-005
tblVehicleEF	LHD2	9.4200e-004	1.3333e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.1900e-004	8.1693e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.11
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	MCY	0.55	0.38
tblVehicleEF	MCY	0.15	0.21
tblVehicleEF	MCY	18.62	18.05
tblVehicleEF	MCY	9.70	7.79
tblVehicleEF	MCY	190.93	223.47
tblVehicleEF	MCY	43.78	57.01
tblVehicleEF	MCY	1.13	0.99
tblVehicleEF	MCY	0.31	0.25
tblVehicleEF	MCY	0.01	0.01

tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.5350e-003	2.5427e-003
tblVehicleEF	MCY	3.5080e-003	3.0379e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.3660e-003	2.3736e-003
tblVehicleEF	MCY	3.2930e-003	2.8511e-003
tblVehicleEF	MCY	1.05	1.70
tblVehicleEF	MCY	0.61	0.68
tblVehicleEF	MCY	0.64	1.04
tblVehicleEF	MCY	2.60	2.56
tblVehicleEF	MCY	0.56	0.50
tblVehicleEF	MCY	2.03	1.60
tblVehicleEF	MCY	2.2930e-003	2.2114e-003
tblVehicleEF	MCY	6.5600e-004	5.6414e-004
tblVehicleEF	MCY	1.05	1.70
tblVehicleEF	MCY	0.61	0.68
tblVehicleEF	MCY	0.64	1.04
tblVehicleEF	MCY	3.25	3.19
tblVehicleEF	MCY	0.56	0.50
tblVehicleEF	MCY	2.21	1.74
tblVehicleEF	MCY	0.54	0.37
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.96	18.15
tblVehicleEF	MCY	8.84	7.77
tblVehicleEF	MCY	190.93	222.30
tblVehicleEF	MCY	43.78	57.32
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25

tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.5350e-003	2.4798e-003
tblVehicleEF	MCY	3.5080e-003	3.1545e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.3660e-003	2.3160e-003
tblVehicleEF	MCY	3.2930e-003	2.9646e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.54	2.54
tblVehicleEF	MCY	0.53	0.51
tblVehicleEF	MCY	1.81	1.60
tblVehicleEF	MCY	2.2810e-003	2.1999e-003
tblVehicleEF	MCY	6.3500e-004	5.6721e-004
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	3.18	3.16
tblVehicleEF	MCY	0.53	0.51
tblVehicleEF	MCY	1.97	1.74
tblVehicleEF	MCY	0.55	0.38
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.72	18.88
tblVehicleEF	MCY	9.85	8.72
tblVehicleEF	MCY	190.93	225.05
tblVehicleEF	MCY	43.78	59.29
tblVehicleEF	MCY	1.11	1.11

tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.5350e-003	2.5427e-003
tblVehicleEF	MCY	3.5080e-003	3.0379e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.3660e-003	2.3736e-003
tblVehicleEF	MCY	3.2930e-003	2.8511e-003
tblVehicleEF	MCY	1.15	1.16
tblVehicleEF	MCY	0.78	0.80
tblVehicleEF	MCY	0.61	0.62
tblVehicleEF	MCY	2.61	2.63
tblVehicleEF	MCY	0.65	0.62
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.2950e-003	2.2270e-003
tblVehicleEF	MCY	6.5900e-004	5.8668e-004
tblVehicleEF	MCY	1.15	1.16
tblVehicleEF	MCY	0.78	0.80
tblVehicleEF	MCY	0.61	0.62
tblVehicleEF	MCY	3.26	3.28
tblVehicleEF	MCY	0.65	0.62
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	0.01	5.2986e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.10	1.07
tblVehicleEF	MDV	1.99	2.34
tblVehicleEF	MDV	481.40	410.36
tblVehicleEF	MDV	96.60	77.49

tblVehicleEF	MDV	0.12	0.07
tblVehicleEF	MDV	0.17	0.26
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	2.2730e-003	1.8649e-003
tblVehicleEF	MDV	2.4250e-003	1.8223e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	2.0940e-003	1.7191e-003
tblVehicleEF	MDV	2.2300e-003	1.6756e-003
tblVehicleEF	MDV	0.06	0.12
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8190e-003	3.9762e-003
tblVehicleEF	MDV	1.0000e-003	7.5124e-004
tblVehicleEF	MDV	0.06	0.12
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.11
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.16	0.31
tblVehicleEF	MDV	0.01	6.0286e-003
tblVehicleEF	MDV	9.6010e-003	0.07
tblVehicleEF	MDV	1.21	1.19
tblVehicleEF	MDV	1.70	2.49
tblVehicleEF	MDV	502.45	423.99

tblVehicleEF	MDV	96.60	80.65
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.16	0.29
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	2.2730e-003	1.9587e-003
tblVehicleEF	MDV	2.4250e-003	1.9377e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	2.0940e-003	1.8056e-003
tblVehicleEF	MDV	2.2300e-003	1.7819e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.09	0.12
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.13	0.32
tblVehicleEF	MDV	5.0310e-003	4.1085e-003
tblVehicleEF	MDV	9.9500e-004	7.8193e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.09	0.12
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.14	0.35
tblVehicleEF	MDV	0.01	4.8813e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.06	0.95
tblVehicleEF	MDV	2.05	2.85

tblVehicleEF	MDV	473.66	394.54
tblVehicleEF	MDV	96.60	78.44
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.17	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	2.2730e-003	1.8649e-003
tblVehicleEF	MDV	2.4250e-003	1.8223e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	2.0940e-003	1.7191e-003
tblVehicleEF	MDV	2.2300e-003	1.6756e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.10	0.06
tblVehicleEF	MDV	0.15	0.33
tblVehicleEF	MDV	4.7420e-003	3.8228e-003
tblVehicleEF	MDV	1.0010e-003	7.6048e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.10	0.06
tblVehicleEF	MDV	0.16	0.36
tblVehicleEF	MH	0.02	7.8380e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.43	0.83

tblVehicleEF	MH	4.82	1.84
tblVehicleEF	MH	1,126.11	1,447.98
tblVehicleEF	MH	59.42	18.11
tblVehicleEF	MH	0.93	0.94
tblVehicleEF	MH	0.71	0.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.8700e-004	2.5494e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2070e-003	3.2578e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.0800e-004	2.3440e-004
tblVehicleEF	MH	0.76	0.93
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.33	0.39
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.7800e-004	1.7926e-004
tblVehicleEF	MH	0.76	0.93
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.33	0.39
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	8.8559e-003
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	1.47	1.00
tblVehicleEF	MH	4.54	1.92
tblVehicleEF	MH	1,126.11	1,475.27
tblVehicleEF	MH	59.42	18.65
tblVehicleEF	MH	0.86	0.97
tblVehicleEF	MH	0.68	0.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.8700e-004	2.6718e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2070e-003	3.2515e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.0800e-004	2.4566e-004
tblVehicleEF	MH	1.12	1.04
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.47	0.43
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.27	0.09
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.7300e-004	1.8454e-004
tblVehicleEF	MH	1.12	1.04
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.47	0.43
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.29	0.10
tblVehicleEF	MH	0.02	7.6203e-003

tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.42	0.81
tblVehicleEF	MH	4.87	1.96
tblVehicleEF	MH	1,126.11	1,447.93
tblVehicleEF	MH	59.42	18.33
tblVehicleEF	MH	0.91	0.99
tblVehicleEF	MH	0.71	0.25
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.8700e-004	2.5494e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2070e-003	3.2578e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.0800e-004	2.3440e-004
tblVehicleEF	MH	0.85	0.72
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	0.06	0.04
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.28	0.09
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.7900e-004	1.8140e-004
tblVehicleEF	MH	0.85	0.72
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.31	0.10

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tblVehicleEF	MHD	3.4980e-003	1.8347e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.35	0.33
tblVehicleEF	MHD	0.29	0.24
tblVehicleEF	MHD	5.13	1.21
tblVehicleEF	MHD	132.56	63.60
tblVehicleEF	MHD	1,140.29	1,014.01
tblVehicleEF	MHD	61.49	11.37
tblVehicleEF	MHD	0.35	0.33
tblVehicleEF	MHD	0.76	1.03
tblVehicleEF	MHD	10.11	1.59
tblVehicleEF	MHD	9.0000e-005	2.4041e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8650e-003	6.1497e-003
tblVehicleEF	MHD	7.8500e-004	1.2776e-004
tblVehicleEF	MHD	8.6000e-005	2.3001e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7360e-003	5.8771e-003
tblVehicleEF	MHD	7.2200e-004	1.1747e-004
tblVehicleEF	MHD	9.8100e-004	8.4134e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.6900e-004	5.3093e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.32	0.06

tblVehicleEF	MHD	1.2770e-003	6.0471e-004
tblVehicleEF	MHD	0.01	9.6935e-003
tblVehicleEF	MHD	7.0500e-004	1.1250e-004
tblVehicleEF	MHD	9.8100e-004	8.4134e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.6900e-004	5.3093e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	MHD	0.01	4.2036e-003
tblVehicleEF	MHD	3.5450e-003	2.1413e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.26	0.34
tblVehicleEF	MHD	0.30	0.28
tblVehicleEF	MHD	4.87	1.31
tblVehicleEF	MHD	140.40	64.73
tblVehicleEF	MHD	1,140.29	1,030.65
tblVehicleEF	MHD	61.49	11.94
tblVehicleEF	MHD	0.36	0.34
tblVehicleEF	MHD	0.71	1.02
tblVehicleEF	MHD	10.08	1.58
tblVehicleEF	MHD	7.6000e-005	2.7779e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8650e-003	6.1299e-003
tblVehicleEF	MHD	7.8500e-004	1.3466e-004
tblVehicleEF	MHD	7.2000e-005	2.6577e-004
tblVehicleEF	MHD	0.06	0.06

tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7360e-003	5.8582e-003
tblVehicleEF	MHD	7.2200e-004	1.2382e-004
tblVehicleEF	MHD	1.4660e-003	9.2475e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3700e-004	5.7330e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.30	0.06
tblVehicleEF	MHD	1.3510e-003	6.1548e-004
tblVehicleEF	MHD	0.01	9.8544e-003
tblVehicleEF	MHD	7.0000e-004	1.1815e-004
tblVehicleEF	MHD	1.4660e-003	9.2475e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3700e-004	5.7330e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.33	0.07
tblVehicleEF	MHD	0.02	4.6594e-003
tblVehicleEF	MHD	3.4850e-003	1.7872e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.49	0.49
tblVehicleEF	MHD	0.29	0.24
tblVehicleEF	MHD	5.18	1.28
tblVehicleEF	MHD	121.72	63.61
tblVehicleEF	MHD	1,140.29	1,014.00
tblVehicleEF	MHD	61.49	11.50

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tblVehicleEF	MHD	0.74	1.07
tblVehicleEF	MHD	10.12	1.60
tblVehicleEF	MHD	1.0900e-004	3.3923e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8650e-003	6.1497e-003
tblVehicleEF	MHD	7.8500e-004	1.2776e-004
tblVehicleEF	MHD	1.0500e-004	3.2456e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7360e-003	5.8771e-003
tblVehicleEF	MHD	7.2200e-004	1.1747e-004
tblVehicleEF	MHD	9.9000e-004	5.7591e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4900e-004	3.7019e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.1750e-003	6.0440e-004
tblVehicleEF	MHD	0.01	9.6934e-003
tblVehicleEF	MHD	7.0600e-004	1.1379e-004
tblVehicleEF	MHD	9.9000e-004	5.7591e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4900e-004	3.7019e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.03

tblVehicleEF	MHD	0.35	0.07
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tblVehicleEF	OBUS	5.4840e-003	4.5133e-003
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tblVehicleEF	OBUS	0.25	0.61
tblVehicleEF	OBUS	0.41	0.56
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tblVehicleEF	OBUS	1,248.17	1,333.81
tblVehicleEF	OBUS	67.50	18.36
tblVehicleEF	OBUS	0.22	0.34
tblVehicleEF	OBUS	0.71	1.11
tblVehicleEF	OBUS	2.50	0.84
tblVehicleEF	OBUS	2.0000e-005	1.0741e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.7480e-003	7.3393e-003
tblVehicleEF	OBUS	8.4800e-004	2.0131e-004
tblVehicleEF	OBUS	1.9000e-005	1.0277e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.6130e-003	7.0068e-003
tblVehicleEF	OBUS	7.8000e-004	1.8509e-004
tblVehicleEF	OBUS	1.3910e-003	2.6323e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.6200e-004	1.3143e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.07

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tblVehicleEF	OBUS	9.9400e-004	8.5745e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6100e-004	1.8171e-004
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tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.6200e-004	1.3143e-003
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	0.34	0.11
tblVehicleEF	OBUS	0.01	8.4017e-003
tblVehicleEF	OBUS	5.5780e-003	5.0478e-003
tblVehicleEF	OBUS	0.02	0.02
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tblVehicleEF	OBUS	4.66	2.21
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tblVehicleEF	OBUS	1,248.17	1,355.72
tblVehicleEF	OBUS	67.50	18.81
tblVehicleEF	OBUS	0.23	0.33
tblVehicleEF	OBUS	0.67	1.09
tblVehicleEF	OBUS	2.46	0.83
tblVehicleEF	OBUS	1.7000e-005	1.0501e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.7480e-003	7.0871e-003
tblVehicleEF	OBUS	8.4800e-004	2.0001e-004
tblVehicleEF	OBUS	1.6000e-005	1.0047e-004

tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.6130e-003	6.7657e-003
tblVehicleEF	OBUS	7.8000e-004	1.8390e-004
tblVehicleEF	OBUS	2.0340e-003	2.6502e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0660e-003	1.3153e-003
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tblVehicleEF	OBUS	0.04	0.07
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tblVehicleEF	OBUS	0.04	0.07
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tblVehicleEF	OBUS	5.4590e-003	4.3905e-003
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tblVehicleEF	OBUS	1,248.17	1,333.79

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tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.6130e-003	7.0068e-003
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tblVehicleEF	OBUS	0.03	0.05
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tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	OBUS	7.3700e-004	9.3069e-004
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tblVehicleEF	OBUS	0.04	0.08
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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
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tblVehicleEF	SBUS	1.8130e-003	5.7290e-004
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tblVehicleEF	UBUS	0.05	9.0511e-003
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tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.2446e-003
tblVehicleEF	UBUS	1.1960e-003	7.1367e-005
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9689e-003
tblVehicleEF	UBUS	0.11	3.0994e-003
tblVehicleEF	UBUS	1.1000e-003	6.5620e-005
tblVehicleEF	UBUS	4.1520e-003	6.2304e-004
tblVehicleEF	UBUS	0.07	5.0779e-003
tblVehicleEF	UBUS	2.4690e-003	4.2109e-004
tblVehicleEF	UBUS	0.74	0.09
tblVehicleEF	UBUS	0.02	1.0548e-003
tblVehicleEF	UBUS	0.69	0.04
tblVehicleEF	UBUS	9.7410e-003	1.3278e-003
tblVehicleEF	UBUS	1.2020e-003	7.8193e-005
tblVehicleEF	UBUS	4.1520e-003	6.2304e-004
tblVehicleEF	UBUS	0.07	5.0779e-003

tblVehicleEF	UBUS	2.4690e-003	4.2109e-004
tblVehicleEF	UBUS	3.11	5.97
tblVehicleEF	UBUS	0.02	1.0548e-003
tblVehicleEF	UBUS	0.76	0.04
tblVehicleEF	UBUS	2.29	5.85
tblVehicleEF	UBUS	0.05	9.9367e-003
tblVehicleEF	UBUS	10.25	45.42
tblVehicleEF	UBUS	7.71	0.63
tblVehicleEF	UBUS	1,934.49	1,987.99
tblVehicleEF	UBUS	104.15	8.27
tblVehicleEF	UBUS	8.19	0.47
tblVehicleEF	UBUS	14.77	0.08
tblVehicleEF	UBUS	0.59	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.2067e-003
tblVehicleEF	UBUS	1.1960e-003	5.6569e-005
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9689e-003
tblVehicleEF	UBUS	0.11	3.0642e-003
tblVehicleEF	UBUS	1.1000e-003	5.2013e-005
tblVehicleEF	UBUS	5.9260e-003	8.6079e-004
tblVehicleEF	UBUS	0.07	7.6581e-003
tblVehicleEF	UBUS	3.3920e-003	5.9984e-004
tblVehicleEF	UBUS	0.75	0.09
tblVehicleEF	UBUS	0.02	1.6648e-003
tblVehicleEF	UBUS	0.64	0.04
tblVehicleEF	UBUS	9.7420e-003	1.4048e-003
tblVehicleEF	UBUS	1.1820e-003	8.1863e-005
tblVehicleEF	UBUS	5.9260e-003	8.6079e-004

tblVehicleEF	UBUS	0.07	7.6581e-003
tblVehicleEF	UBUS	3.3920e-003	5.9984e-004
tblVehicleEF	UBUS	3.12	5.97
tblVehicleEF	UBUS	0.02	1.6648e-003
tblVehicleEF	UBUS	0.70	0.05
tblVehicleEF	UBUS	2.28	5.85
tblVehicleEF	UBUS	0.05	9.8939e-003
tblVehicleEF	UBUS	10.19	45.43
tblVehicleEF	UBUS	9.10	0.73
tblVehicleEF	UBUS	1,934.49	1,980.90
tblVehicleEF	UBUS	104.15	8.08
tblVehicleEF	UBUS	8.53	0.46
tblVehicleEF	UBUS	14.83	0.07
tblVehicleEF	UBUS	0.59	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.2446e-003
tblVehicleEF	UBUS	1.1960e-003	7.1367e-005
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9689e-003
tblVehicleEF	UBUS	0.11	3.0994e-003
tblVehicleEF	UBUS	1.1000e-003	6.5620e-005
tblVehicleEF	UBUS	4.6510e-003	4.3012e-004
tblVehicleEF	UBUS	0.08	5.3044e-003
tblVehicleEF	UBUS	2.5600e-003	2.8731e-004
tblVehicleEF	UBUS	0.74	0.09
tblVehicleEF	UBUS	0.03	1.4176e-003
tblVehicleEF	UBUS	0.71	0.04
tblVehicleEF	UBUS	9.7410e-003	1.3278e-003
tblVehicleEF	UBUS	1.2060e-003	7.9923e-005

tblVehicleEF	UBUS	4.6510e-003	4.3012e-004
tblVehicleEF	UBUS	0.08	5.3044e-003
tblVehicleEF	UBUS	2.5600e-003	2.8731e-004
tblVehicleEF	UBUS	3.10	5.97
tblVehicleEF	UBUS	0.03	1.4176e-003
tblVehicleEF	UBUS	0.77	0.05
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	6.31
tblVehicleTrips	HO_TL	8.70	6.31
tblVehicleTrips	HS_TL	5.90	6.31
tblVehicleTrips	HS_TL	5.90	6.31
tblVehicleTrips	HW_TL	14.70	6.31
tblVehicleTrips	HW_TL	14.70	6.31
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	5.67	8.13
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	SU_TR	4.84	6.29
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	WD_TR	5.81	7.32
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	9.52	9.44
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00

tblWater	IndoorWaterUseRate	2,475,852.97	0.00
tblWater	IndoorWaterUseRate	532,288.30	0.00
tblWater	IndoorWaterUseRate	11,011,030.33	13,321,770.00
tblWater	OutdoorWaterUseRate	1,560,863.83	0.00
tblWater	OutdoorWaterUseRate	326,241.21	0.00
tblWater	OutdoorWaterUseRate	6,941,736.51	2,360,090.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	1.90	0.00
tblWoodstoves	NumberCatalytic	8.45	0.00
tblWoodstoves	NumberNoncatalytic	1.90	0.00
tblWoodstoves	NumberNoncatalytic	8.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.5894	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947	0.0000	30.8137	30.8137	0.0297	0.0000	31.5554
Energy	0.1464	1.2510	0.5323	7.9800e-003		0.1011	0.1011		0.1011	0.1011		1,596.9772	1,596.9772	0.0306	0.0293	1,606.4672
Mobile	3.1714	2.7059	34.0083	0.0826	9.2232	0.0584	9.2815	2.4466	0.0539	2.5005		8,527.0476	8,527.0476	0.3716		8,536.3375
Total	**12.9072**	**4.1539**	**51.6407**	**0.0914**	**9.2232**	**0.2543**	**9.4774**	**2.4466**	**0.2497**	**2.6964**	**0.0000**	**10,154.8385**	**10,154.8385**	**0.4319**	**0.0293**	**10,174.3602**

Mitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Area	9.5894	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947	0.0000	30.8137	30.8137	0.0297	0.0000	31.5554
Energy	0.1464	1.2510	0.5323	7.9800e-003		0.1011	0.1011		0.1011	0.1011		1,596.9772	1,596.9772	0.0306	0.0293	1,606.4672
Mobile	3.1714	2.7059	34.0083	0.0826	9.2232	0.0584	9.2815	2.4466	0.0539	2.5005		8,527.0476	8,527.0476	0.3716		8,536.3375
Total	**12.9072**	**4.1539**	**51.6407**	**0.0914**	**9.2232**	**0.2543**	**9.4774**	**2.4466**	**0.2497**	**2.6964**	**0.0000**	**10,154.8385**	**10,154.8385**	**0.4319**	**0.0293**	**10,174.3602**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Mitigated	3.1714	2.7059	34.0083	0.0826	9.2232	0.0584	9.2815	2.4466	0.0539	2.5005		8,527.0476	8,527.0476	0.3716		8,536.3375
Unmitigated	3.1714	2.7059	34.0083	0.0826	9.2232	0.0584	9.2815	2.4466	0.0539	2.5005		8,527.0476	8,527.0476	0.3716		8,536.3375

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	278.16	308.94	239.02	636,146	636,146
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Single Family Housing	1,595.36	1,612.26	1444.95	3,620,479	3,620,479
Total	1,873.52	1,921.20	1,683.97	4,256,625	4,256,625

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	6.31	6.31	6.31	40.20	19.20	40.60	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Single Family Housing	6.31	6.31	6.31	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.659532	0.053962	0.249808	0.020000	0.001996	0.000832	0.002743	0.004224	0.000000	0.000000	0.006698	0.000093	0.000113
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Non-Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Parking Lot	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Recreational Swimming Pool	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Single Family Housing	0.659532	0.053962	0.249808	0.020000	0.001996	0.000832	0.002743	0.004224	0.000000	0.000000	0.006698	0.000093	0.000113

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1464	1.2510	0.5323	7.9800e-003		0.1011	0.1011		0.1011	0.1011		1,596.9772	1,596.9772	0.0306	0.0293	1,606.4672
NaturalGas Unmitigated	0.1464	1.2510	0.5323	7.9800e-003		0.1011	0.1011		0.1011	0.1011		1,596.9772	1,596.9772	0.0306	0.0293	1,606.4672

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	1732.06	0.0187	0.1596	0.0679	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.7722	203.7722	3.9100e-003	3.7400e-003	204.9832
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	11842.2	0.1277	1.0913	0.4644	6.9700e-003		0.0882	0.0882		0.0882	0.0882		1,393.2050	1,393.2050	0.0267	0.0255	1,401.4841
Total		**0.1464**	**1.2510**	**0.5323**	**7.9900e-003**		**0.1012**	**0.1012**		**0.1012**	**0.1012**		**1,596.9772**	**1,596.9772**	**0.0306**	**0.0293**	**1,606.4672**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	1.73206	0.0187	0.1596	0.0679	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.7722	203.7722	3.9100e-003	3.7400e-003	204.9832
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	11.8422	0.1277	1.0913	0.4644	6.9700e-003		0.0882	0.0882		0.0882	0.0882		1,393.2050	1,393.2050	0.0267	0.0255	1,401.4841
Total		**0.1464**	**1.2510**	**0.5323**	**7.9900e-003**		**0.1012**	**0.1012**		**0.1012**	**0.1012**		**1,596.9772**	**1,596.9772**	**0.0306**	**0.0293**	**1,606.4672**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5894	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947	0.0000	30.8137	30.8137	0.0297	0.0000	31.5554
Unmitigated	9.5894	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947	0.0000	30.8137	30.8137	0.0297	0.0000	31.5554

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.7154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.3580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.5160	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947		30.8137	30.8137	0.0297		31.5554
Total	**9.5894**	**0.1970**	**17.1001**	**9.0000e-004**		**0.0947**	**0.0947**		**0.0947**	**0.0947**	**0.0000**	**30.8137**	**30.8137**	**0.0297**	**0.0000**	**31.5554**

Mitigated

SubCategory	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Architectural Coating	0.7154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.3580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.5160	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947		30.8137	30.8137	0.0297		31.5554
Total	**9.5894**	**0.1970**	**17.1001**	**9.0000e-004**		**0.0947**	**0.0947**		**0.0947**	**0.0947**	**0.0000**	**30.8137**	**30.8137**	**0.0297**	**0.0000**	**31.5554**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

Starlite Residential Development Project Operations

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	136.25	1000sqft	3.13	136,247.00	0
Other Non-Asphalt Surfaces	140.08	1000sqft	3.22	140,080.00	0
Parking Lot	4.20	1000sqft	0.10	4,200.00	0
Recreational Swimming Pool	9.00	1000sqft	0.21	9,000.00	0
Condo/Townhouse	38.00	Dwelling Unit	0.48	62,100.00	109
Single Family Housing	169.00	Dwelling Unit	5.28	346,004.00	483

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2019 SCE Sustainability Report

Land Use - based on info provided by applicant, remainder of land use acreage assigned to single family home acreage (2.63 acres).

Construction Phase -

Vehicle Trips - based on trip generation provided by Iteris

Vehicle Emission Factors - see emfac emissions adjustment

Woodstoves - no fireplaces

Area Coating - assuming pool and associated buildings will be coated as residential. Assumes parking area to be striped only

Energy Use - based on adjustment from NORESCO study. See assumptions file for adjustmet calculations

Water And Wastewater - see USS section of MND. Assigns all water use to single family housing. Assumes 100% aerobic treatment.

Solid Waste - based on solid waste from USS section of MND.

Water Mitigation -

Fleet Mix - see fleet mix adjustment in assumptions file

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	4500	0
tblAreaCoating	Area_Nonresidential_Interior	13500	0
tblAreaCoating	Area_Parking	16832	252
tblAreaCoating	Area_Residential_Exterior	275470	281545
tblAreaCoating	Area_Residential_Interior	826411	844636
tblEnergyUse	T24E	243.83	238.95
tblEnergyUse	T24E	443.48	425.74
tblEnergyUse	T24NG	10,792.56	10,252.93
tblEnergyUse	T24NG	21,090.59	19,192.44
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	32.30	0.00
tblFireplaces	NumberGas	143.65	0.00
tblFireplaces	NumberNoFireplace	3.80	0.00
tblFireplaces	NumberNoFireplace	16.90	0.00

tblFireplaces	NumberWood	1.90	0.00
tblFireplaces	NumberWood	8.45	0.00
tblFleetMix	HHD	0.03	4.2240e-003
tblFleetMix	HHD	0.03	4.2240e-003
tblFleetMix	LDA	0.55	0.66
tblFleetMix	LDA	0.55	0.66
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.25
tblFleetMix	LDT2	0.21	0.25
tblFleetMix	LHD1	0.02	1.9960e-003
tblFleetMix	LHD1	0.02	1.9960e-003
tblFleetMix	LHD2	6.2530e-003	8.3200e-004
tblFleetMix	LHD2	6.2530e-003	8.3200e-004
tblFleetMix	MCY	5.2170e-003	6.6980e-003
tblFleetMix	MCY	5.2170e-003	6.6980e-003
tblFleetMix	MDV	0.12	0.02
tblFleetMix	MDV	0.12	0.02
tblFleetMix	MH	8.5000e-004	1.1300e-004
tblFleetMix	MH	8.5000e-004	1.1300e-004
tblFleetMix	MHD	0.02	2.7430e-003
tblFleetMix	MHD	0.02	2.7430e-003
tblFleetMix	OBUS	2.5600e-003	0.00
tblFleetMix	OBUS	2.5600e-003	0.00
tblFleetMix	SBUS	6.9600e-004	9.3000e-005
tblFleetMix	SBUS	6.9600e-004	9.3000e-005
tblFleetMix	UBUS	2.0710e-003	0.00
tblFleetMix	UBUS	2.0710e-003	0.00
tblLandUse	LandUseSquareFeet	136,250.00	136,247.00

tblLandUse	LandUseSquareFeet	38,000.00	62,100.00
tblLandUse	LandUseSquareFeet	304,200.00	346,004.00
tblLandUse	LotAcreage	2.38	0.48
tblLandUse	LotAcreage	54.87	5.28
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblSolidWaste	SolidWasteGenerationRate	17.48	0.00
tblSolidWaste	SolidWasteGenerationRate	51.30	0.00
tblSolidWaste	SolidWasteGenerationRate	198.03	324.85
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.09	0.08
tblVehicleEF	HHD	0.07	4.6362e-007
tblVehicleEF	HHD	1.60	6.61
tblVehicleEF	HHD	1.08	0.47
tblVehicleEF	HHD	3.29	8.3269e-003
tblVehicleEF	HHD	4,415.48	1,097.04
tblVehicleEF	HHD	1,567.39	1,379.15
tblVehicleEF	HHD	10.70	0.08
tblVehicleEF	HHD	13.98	5.45
tblVehicleEF	HHD	2.11	2.58
tblVehicleEF	HHD	19.48	2.35
tblVehicleEF	HHD	8.9530e-003	2.6642e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2770e-003	0.02
tblVehicleEF	HHD	9.2000e-005	1.1927e-006
tblVehicleEF	HHD	8.5660e-003	2.5490e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8420e-003	8.8994e-003
tblVehicleEF	HHD	6.0050e-003	0.02

tblVehicleEF	HHD	8.5000e-005	1.0967e-006
tblVehicleEF	HHD	9.9000e-005	7.8735e-006
tblVehicleEF	HHD	4.3090e-003	2.0119e-004
tblVehicleEF	HHD	0.41	0.48
tblVehicleEF	HHD	7.6000e-005	5.3773e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.5500e-004	8.2514e-005
tblVehicleEF	HHD	0.07	2.4556e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.6100e-004	7.7751e-007
tblVehicleEF	HHD	9.9000e-005	7.8735e-006
tblVehicleEF	HHD	4.3090e-003	2.0119e-004
tblVehicleEF	HHD	0.48	0.55
tblVehicleEF	HHD	7.6000e-005	5.3773e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.5500e-004	8.2514e-005
tblVehicleEF	HHD	0.08	2.6885e-006
tblVehicleEF	HHD	0.44	0.03
tblVehicleEF	HHD	0.09	0.08
tblVehicleEF	HHD	0.06	5.1512e-007
tblVehicleEF	HHD	1.17	6.61
tblVehicleEF	HHD	1.08	0.46
tblVehicleEF	HHD	3.12	9.0653e-003
tblVehicleEF	HHD	4,677.81	1,113.07
tblVehicleEF	HHD	1,567.39	1,398.54
tblVehicleEF	HHD	10.70	0.08
tblVehicleEF	HHD	14.43	5.50
tblVehicleEF	HHD	2.00	2.56

tblVehicleEF	HHD	19.47	2.35
tblVehicleEF	HHD	7.5480e-003	2.7790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2770e-003	0.02
tblVehicleEF	HHD	9.2000e-005	1.3513e-006
tblVehicleEF	HHD	7.2220e-003	2.6588e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8420e-003	8.8984e-003
tblVehicleEF	HHD	6.0050e-003	0.02
tblVehicleEF	HHD	8.5000e-005	1.2425e-006
tblVehicleEF	HHD	1.5000e-004	9.2271e-006
tblVehicleEF	HHD	4.4160e-003	2.3361e-004
tblVehicleEF	HHD	0.38	0.48
tblVehicleEF	HHD	1.0700e-004	6.2951e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.4300e-004	9.7110e-005
tblVehicleEF	HHD	0.07	2.7227e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.5800e-004	8.3274e-007
tblVehicleEF	HHD	1.5000e-004	9.2271e-006
tblVehicleEF	HHD	4.4160e-003	2.3361e-004
tblVehicleEF	HHD	0.45	0.55
tblVehicleEF	HHD	1.0700e-004	6.2951e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.4300e-004	9.7110e-005
tblVehicleEF	HHD	0.07	2.9810e-006
tblVehicleEF	HHD	0.50	0.02

tblVehicleEF	HHD	0.09	9.8656e-004
tblVehicleEF	HHD	0.07	4.8874e-007
tblVehicleEF	HHD	2.21	6.73
tblVehicleEF	HHD	1.08	0.24
tblVehicleEF	HHD	3.32	8.8540e-003
tblVehicleEF	HHD	4,053.22	1,107.93
tblVehicleEF	HHD	1,567.39	1,323.93
tblVehicleEF	HHD	10.70	0.08
tblVehicleEF	HHD	13.36	5.94
tblVehicleEF	HHD	2.08	2.64
tblVehicleEF	HHD	19.48	2.35
tblVehicleEF	HHD	0.01	3.3888e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	6.2770e-003	0.02
tblVehicleEF	HHD	9.2000e-005	1.1927e-006
tblVehicleEF	HHD	0.01	3.2422e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8420e-003	8.7489e-003
tblVehicleEF	HHD	6.0050e-003	0.02
tblVehicleEF	HHD	8.5000e-005	1.0967e-006
tblVehicleEF	HHD	9.6000e-005	5.2150e-006
tblVehicleEF	HHD	4.5590e-003	2.2209e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	7.3000e-005	3.5631e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.8700e-004	8.9534e-005
tblVehicleEF	HHD	0.07	2.5791e-006
tblVehicleEF	HHD	0.04	0.01

tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.6100e-004	7.8578e-007
tblVehicleEF	HHD	9.6000e-005	5.2150e-006
tblVehicleEF	HHD	4.5590e-003	2.2209e-004
tblVehicleEF	HHD	0.52	0.47
tblVehicleEF	HHD	7.3000e-005	3.5631e-006
tblVehicleEF	HHD	0.20	0.02
tblVehicleEF	HHD	3.8700e-004	8.9534e-005
tblVehicleEF	HHD	0.08	2.8237e-006
tblVehicleEF	LDA	4.4230e-003	2.5270e-003
tblVehicleEF	LDA	4.1600e-003	0.04
tblVehicleEF	LDA	0.57	0.69
tblVehicleEF	LDA	0.95	1.68
tblVehicleEF	LDA	253.91	271.51
tblVehicleEF	LDA	52.79	50.50
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.15
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	2.0900e-003	1.6549e-003
tblVehicleEF	LDA	2.2190e-003	1.6911e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.9260e-003	1.5241e-003
tblVehicleEF	LDA	2.0400e-003	1.5549e-003
tblVehicleEF	LDA	0.03	0.07
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.06
tblVehicleEF	LDA	0.01	9.5250e-003

tblVehicleEF	LDA	0.04	0.02
tblVehicleEF	LDA	0.06	0.17
tblVehicleEF	LDA	2.5430e-003	2.6318e-003
tblVehicleEF	LDA	5.4400e-004	4.8965e-004
tblVehicleEF	LDA	0.03	0.07
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.06
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.04	0.02
tblVehicleEF	LDA	0.06	0.18
tblVehicleEF	LDA	4.7040e-003	2.8292e-003
tblVehicleEF	LDA	3.7040e-003	0.04
tblVehicleEF	LDA	0.63	0.73
tblVehicleEF	LDA	0.81	1.74
tblVehicleEF	LDA	265.72	279.34
tblVehicleEF	LDA	52.79	52.16
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	2.0900e-003	1.7127e-003
tblVehicleEF	LDA	2.2190e-003	1.7623e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.9260e-003	1.5777e-003
tblVehicleEF	LDA	2.0400e-003	1.6204e-003
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.04	0.06

tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.6610e-003	2.7078e-003
tblVehicleEF	LDA	5.4100e-004	5.0571e-004
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.05	0.20
tblVehicleEF	LDA	4.3320e-003	2.3135e-003
tblVehicleEF	LDA	4.2560e-003	0.04
tblVehicleEF	LDA	0.55	0.60
tblVehicleEF	LDA	0.98	2.03
tblVehicleEF	LDA	249.59	255.95
tblVehicleEF	LDA	52.79	51.15
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	2.0900e-003	1.6549e-003
tblVehicleEF	LDA	2.2190e-003	1.6911e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.9260e-003	1.5241e-003
tblVehicleEF	LDA	2.0400e-003	1.5549e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.10	0.10

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.8101e-003
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.4990e-003	2.4810e-003
tblVehicleEF	LDA	5.4400e-004	4.9594e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	0.01	6.2921e-003
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	1.40	1.28
tblVehicleEF	LDT1	2.25	1.80
tblVehicleEF	LDT1	322.00	319.70
tblVehicleEF	LDT1	65.45	60.24
tblVehicleEF	LDT1	0.13	0.08
tblVehicleEF	LDT1	0.13	0.20
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	3.2340e-003	2.3497e-003
tblVehicleEF	LDT1	3.1500e-003	2.2896e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.9770e-003	2.1620e-003
tblVehicleEF	LDT1	2.8970e-003	2.1052e-003
tblVehicleEF	LDT1	0.11	0.16

tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	0.09	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.16	0.07
tblVehicleEF	LDT1	0.15	0.25
tblVehicleEF	LDT1	3.2370e-003	3.0995e-003
tblVehicleEF	LDT1	6.9400e-004	5.8407e-004
tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	0.09	0.13
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.16	0.07
tblVehicleEF	LDT1	0.16	0.28
tblVehicleEF	LDT1	0.01	7.0910e-003
tblVehicleEF	LDT1	9.8770e-003	0.06
tblVehicleEF	LDT1	1.52	1.41
tblVehicleEF	LDT1	1.91	1.86
tblVehicleEF	LDT1	336.08	326.72
tblVehicleEF	LDT1	65.45	61.91
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.12	0.22
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	3.2340e-003	2.4947e-003
tblVehicleEF	LDT1	3.1500e-003	2.4463e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.9770e-003	2.2954e-003
tblVehicleEF	LDT1	2.8970e-003	2.2494e-003

tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.08
tblVehicleEF	LDT1	0.13	0.28
tblVehicleEF	LDT1	3.3800e-003	3.1676e-003
tblVehicleEF	LDT1	6.8800e-004	6.0018e-004
tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.14	0.08
tblVehicleEF	LDT1	0.15	0.31
tblVehicleEF	LDT1	0.01	5.8250e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.36	1.14
tblVehicleEF	LDT1	2.32	2.18
tblVehicleEF	LDT1	316.82	303.81
tblVehicleEF	LDT1	65.45	60.99
tblVehicleEF	LDT1	0.13	0.09
tblVehicleEF	LDT1	0.13	0.22
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	3.2340e-003	2.3497e-003
tblVehicleEF	LDT1	3.1500e-003	2.2896e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.9770e-003	2.1620e-003

tblVehicleEF	LDT1	2.8970e-003	2.1052e-003
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.26	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.18	0.09
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	3.1850e-003	2.9454e-003
tblVehicleEF	LDT1	6.9500e-004	5.9132e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.26	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.18	0.09
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT2	6.1600e-003	4.2736e-003
tblVehicleEF	LDT2	5.0900e-003	0.05
tblVehicleEF	LDT2	0.76	0.96
tblVehicleEF	LDT2	1.14	2.10
tblVehicleEF	LDT2	357.41	335.60
tblVehicleEF	LDT2	72.80	63.85
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.08	0.21
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	2.1810e-003	1.7734e-003
tblVehicleEF	LDT2	2.3970e-003	1.7548e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

tblVehicleEF	LDT2	2.0060e-003	1.6322e-003
tblVehicleEF	LDT2	2.2040e-003	1.6135e-003
tblVehicleEF	LDT2	0.04	0.10
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.07	0.23
tblVehicleEF	LDT2	3.5800e-003	3.2531e-003
tblVehicleEF	LDT2	7.4700e-004	6.1899e-004
tblVehicleEF	LDT2	0.04	0.10
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.09
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.08	0.26
tblVehicleEF	LDT2	6.5370e-003	4.7109e-003
tblVehicleEF	LDT2	4.5360e-003	0.06
tblVehicleEF	LDT2	0.83	1.03
tblVehicleEF	LDT2	0.98	2.18
tblVehicleEF	LDT2	373.41	346.87
tblVehicleEF	LDT2	72.80	66.35
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.08	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	2.1810e-003	1.8262e-003
tblVehicleEF	LDT2	2.3970e-003	1.8187e-003
tblVehicleEF	LDT2	0.02	0.02

tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	2.0060e-003	1.6808e-003
tblVehicleEF	LDT2	2.2040e-003	1.6722e-003
tblVehicleEF	LDT2	0.06	0.11
tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.06	0.26
tblVehicleEF	LDT2	3.7410e-003	3.3624e-003
tblVehicleEF	LDT2	7.4400e-004	6.4329e-004
tblVehicleEF	LDT2	0.06	0.11
tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.07	0.28
tblVehicleEF	LDT2	6.0370e-003	3.9315e-003
tblVehicleEF	LDT2	5.2090e-003	0.06
tblVehicleEF	LDT2	0.73	0.85
tblVehicleEF	LDT2	1.18	2.55
tblVehicleEF	LDT2	351.53	320.35
tblVehicleEF	LDT2	72.80	64.68
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.08	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	2.1810e-003	1.7734e-003
tblVehicleEF	LDT2	2.3970e-003	1.7548e-003

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	2.0060e-003	1.6322e-003
tblVehicleEF	LDT2	2.2040e-003	1.6135e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.5210e-003	3.1053e-003
tblVehicleEF	LDT2	7.4800e-004	6.2709e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.9880e-003	5.1438e-003
tblVehicleEF	LHD1	9.2560e-003	4.5391e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.66	0.51
tblVehicleEF	LHD1	2.37	0.99
tblVehicleEF	LHD1	8.95	8.74
tblVehicleEF	LHD1	588.36	641.02
tblVehicleEF	LHD1	31.02	11.57
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.78	0.45

tblVehicleEF	LHD1	0.89	0.28
tblVehicleEF	LHD1	8.3700e-004	8.1539e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7826e-003
tblVehicleEF	LHD1	8.5610e-003	5.7485e-003
tblVehicleEF	LHD1	8.8500e-004	2.5368e-004
tblVehicleEF	LHD1	8.0100e-004	7.8012e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5540e-003	2.4456e-003
tblVehicleEF	LHD1	8.1660e-003	5.4721e-003
tblVehicleEF	LHD1	8.1400e-004	2.3325e-004
tblVehicleEF	LHD1	2.7900e-003	3.1859e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7340e-003	1.8617e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.17
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	8.9000e-005	8.4839e-005
tblVehicleEF	LHD1	5.7670e-003	6.2545e-003
tblVehicleEF	LHD1	3.5400e-004	1.1452e-004
tblVehicleEF	LHD1	2.7900e-003	3.1859e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7340e-003	1.8617e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.17
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	4.9880e-003	5.3761e-003

tblVehicleEF	LHD1	9.4510e-003	5.0878e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.67	0.58
tblVehicleEF	LHD1	2.26	1.03
tblVehicleEF	LHD1	8.95	8.81
tblVehicleEF	LHD1	588.36	653.00
tblVehicleEF	LHD1	31.02	11.97
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.73	0.52
tblVehicleEF	LHD1	0.85	0.30
tblVehicleEF	LHD1	8.3700e-004	7.8359e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7291e-003
tblVehicleEF	LHD1	8.5610e-003	5.9884e-003
tblVehicleEF	LHD1	8.8500e-004	2.6819e-004
tblVehicleEF	LHD1	8.0100e-004	7.4969e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5540e-003	2.4323e-003
tblVehicleEF	LHD1	8.1660e-003	5.7009e-003
tblVehicleEF	LHD1	8.1400e-004	2.4659e-004
tblVehicleEF	LHD1	4.1640e-003	3.4572e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4160e-003	2.0042e-003
tblVehicleEF	LHD1	0.06	0.05
tblVehicleEF	LHD1	0.28	0.18
tblVehicleEF	LHD1	0.21	0.07
tblVehicleEF	LHD1	8.9000e-005	8.5605e-005

tblVehicleEF	LHD1	5.7670e-003	6.3745e-003
tblVehicleEF	LHD1	3.5200e-004	1.1848e-004
tblVehicleEF	LHD1	4.1640e-003	3.4572e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.4160e-003	2.0042e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.28	0.18
tblVehicleEF	LHD1	0.23	0.08
tblVehicleEF	LHD1	4.9880e-003	5.1306e-003
tblVehicleEF	LHD1	9.2060e-003	4.4356e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.66	0.50
tblVehicleEF	LHD1	2.39	1.04
tblVehicleEF	LHD1	8.95	8.74
tblVehicleEF	LHD1	588.36	641.00
tblVehicleEF	LHD1	31.02	11.67
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.76	0.47
tblVehicleEF	LHD1	0.89	0.30
tblVehicleEF	LHD1	8.3700e-004	8.1539e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7826e-003
tblVehicleEF	LHD1	8.5610e-003	5.7485e-003
tblVehicleEF	LHD1	8.8500e-004	2.5368e-004
tblVehicleEF	LHD1	8.0100e-004	7.8012e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5540e-003	2.4456e-003

tblVehicleEF	LHD1	8.1660e-003	5.4721e-003
tblVehicleEF	LHD1	8.1400e-004	2.3325e-004
tblVehicleEF	LHD1	2.9050e-003	2.2616e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7020e-003	1.3351e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.31	0.19
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	8.9000e-005	8.4839e-005
tblVehicleEF	LHD1	5.7670e-003	6.2543e-003
tblVehicleEF	LHD1	3.5400e-004	1.1545e-004
tblVehicleEF	LHD1	2.9050e-003	2.2616e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7020e-003	1.3351e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.19
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD2	3.5180e-003	3.5633e-003
tblVehicleEF	LHD2	3.4110e-003	3.2788e-003
tblVehicleEF	LHD2	6.5620e-003	8.8868e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.28	0.35
tblVehicleEF	LHD2	1.17	0.65
tblVehicleEF	LHD2	13.57	13.29
tblVehicleEF	LHD2	605.98	642.03
tblVehicleEF	LHD2	26.15	8.77
tblVehicleEF	LHD2	0.09	0.08

tblVehicleEF	LHD2	0.46	0.58
tblVehicleEF	LHD2	0.46	0.19
tblVehicleEF	LHD2	1.1260e-003	1.3052e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.0770e-003	9.4980e-003
tblVehicleEF	LHD2	4.2100e-004	1.4313e-004
tblVehicleEF	LHD2	1.0770e-003	1.2487e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6710e-003	2.6534e-003
tblVehicleEF	LHD2	7.7140e-003	9.0713e-003
tblVehicleEF	LHD2	3.8700e-004	1.3161e-004
tblVehicleEF	LHD2	9.3900e-004	1.9234e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.4000e-004	1.1636e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.10
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2730e-004
tblVehicleEF	LHD2	5.9000e-003	6.2092e-003
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tblVehicleEF	LHD2	9.3900e-004	1.9234e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.4000e-004	1.1636e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.10
tblVehicleEF	LHD2	0.10	0.05

tblVehicleEF	LHD2	3.5180e-003	3.7479e-003
tblVehicleEF	LHD2	3.4510e-003	3.5743e-003
tblVehicleEF	LHD2	6.3490e-003	9.7971e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.28	0.39
tblVehicleEF	LHD2	1.12	0.69
tblVehicleEF	LHD2	13.57	13.36
tblVehicleEF	LHD2	605.98	654.07
tblVehicleEF	LHD2	26.15	9.16
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	0.44	0.67
tblVehicleEF	LHD2	0.44	0.21
tblVehicleEF	LHD2	1.1260e-003	1.2759e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.0770e-003	9.6267e-003
tblVehicleEF	LHD2	4.2100e-004	1.5202e-004
tblVehicleEF	LHD2	1.0770e-003	1.2207e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6710e-003	2.6429e-003
tblVehicleEF	LHD2	7.7140e-003	9.1939e-003
tblVehicleEF	LHD2	3.8700e-004	1.3978e-004
tblVehicleEF	LHD2	1.3970e-003	2.1079e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.8800e-004	1.2531e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.06	0.11
tblVehicleEF	LHD2	0.09	0.05

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tblVehicleEF	LHD2	1.3970e-003	2.1079e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.8800e-004	1.2531e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.06	0.11
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	3.5180e-003	3.5541e-003
tblVehicleEF	LHD2	3.4000e-003	3.2376e-003
tblVehicleEF	LHD2	6.6050e-003	9.2660e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.28	0.35
tblVehicleEF	LHD2	1.18	0.68
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tblVehicleEF	LHD2	605.98	642.02
tblVehicleEF	LHD2	26.15	8.83
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	0.46	0.61
tblVehicleEF	LHD2	0.46	0.21
tblVehicleEF	LHD2	1.1260e-003	1.3052e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.0770e-003	9.4980e-003
tblVehicleEF	LHD2	4.2100e-004	1.4313e-004
tblVehicleEF	LHD2	1.0770e-003	1.2487e-003
tblVehicleEF	LHD2	0.04	0.04

tblVehicleEF	LHD2	2.6710e-003	2.6534e-003
tblVehicleEF	LHD2	7.7140e-003	9.0713e-003
tblVehicleEF	LHD2	3.8700e-004	1.3161e-004
tblVehicleEF	LHD2	9.4200e-004	1.3333e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.1900e-004	8.1693e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.11
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3300e-004	1.2730e-004
tblVehicleEF	LHD2	5.9000e-003	6.2091e-003
tblVehicleEF	LHD2	2.8200e-004	8.7371e-005
tblVehicleEF	LHD2	9.4200e-004	1.3333e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.1900e-004	8.1693e-004
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tblVehicleEF	LHD2	0.07	0.11
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	MCY	0.55	0.38
tblVehicleEF	MCY	0.15	0.21
tblVehicleEF	MCY	18.62	18.05
tblVehicleEF	MCY	9.70	7.79
tblVehicleEF	MCY	190.93	223.47
tblVehicleEF	MCY	43.78	57.01
tblVehicleEF	MCY	1.13	0.99
tblVehicleEF	MCY	0.31	0.25
tblVehicleEF	MCY	0.01	0.01

tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.5350e-003	2.5427e-003
tblVehicleEF	MCY	3.5080e-003	3.0379e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.3660e-003	2.3736e-003
tblVehicleEF	MCY	3.2930e-003	2.8511e-003
tblVehicleEF	MCY	1.05	1.70
tblVehicleEF	MCY	0.61	0.68
tblVehicleEF	MCY	0.64	1.04
tblVehicleEF	MCY	2.60	2.56
tblVehicleEF	MCY	0.56	0.50
tblVehicleEF	MCY	2.03	1.60
tblVehicleEF	MCY	2.2930e-003	2.2114e-003
tblVehicleEF	MCY	6.5600e-004	5.6414e-004
tblVehicleEF	MCY	1.05	1.70
tblVehicleEF	MCY	0.61	0.68
tblVehicleEF	MCY	0.64	1.04
tblVehicleEF	MCY	3.25	3.19
tblVehicleEF	MCY	0.56	0.50
tblVehicleEF	MCY	2.21	1.74
tblVehicleEF	MCY	0.54	0.37
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.96	18.15
tblVehicleEF	MCY	8.84	7.77
tblVehicleEF	MCY	190.93	222.30
tblVehicleEF	MCY	43.78	57.32
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25

tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.5350e-003	2.4798e-003
tblVehicleEF	MCY	3.5080e-003	3.1545e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.3660e-003	2.3160e-003
tblVehicleEF	MCY	3.2930e-003	2.9646e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.54	2.54
tblVehicleEF	MCY	0.53	0.51
tblVehicleEF	MCY	1.81	1.60
tblVehicleEF	MCY	2.2810e-003	2.1999e-003
tblVehicleEF	MCY	6.3500e-004	5.6721e-004
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	3.18	3.16
tblVehicleEF	MCY	0.53	0.51
tblVehicleEF	MCY	1.97	1.74
tblVehicleEF	MCY	0.55	0.38
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.72	18.88
tblVehicleEF	MCY	9.85	8.72
tblVehicleEF	MCY	190.93	225.05
tblVehicleEF	MCY	43.78	59.29
tblVehicleEF	MCY	1.11	1.11

tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.5350e-003	2.5427e-003
tblVehicleEF	MCY	3.5080e-003	3.0379e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.3660e-003	2.3736e-003
tblVehicleEF	MCY	3.2930e-003	2.8511e-003
tblVehicleEF	MCY	1.15	1.16
tblVehicleEF	MCY	0.78	0.80
tblVehicleEF	MCY	0.61	0.62
tblVehicleEF	MCY	2.61	2.63
tblVehicleEF	MCY	0.65	0.62
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.2950e-003	2.2270e-003
tblVehicleEF	MCY	6.5900e-004	5.8668e-004
tblVehicleEF	MCY	1.15	1.16
tblVehicleEF	MCY	0.78	0.80
tblVehicleEF	MCY	0.61	0.62
tblVehicleEF	MCY	3.26	3.28
tblVehicleEF	MCY	0.65	0.62
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	0.01	5.2986e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.10	1.07
tblVehicleEF	MDV	1.99	2.34
tblVehicleEF	MDV	481.40	410.36
tblVehicleEF	MDV	96.60	77.49

tblVehicleEF	MDV	0.12	0.07
tblVehicleEF	MDV	0.17	0.26
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	2.2730e-003	1.8649e-003
tblVehicleEF	MDV	2.4250e-003	1.8223e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	2.0940e-003	1.7191e-003
tblVehicleEF	MDV	2.2300e-003	1.6756e-003
tblVehicleEF	MDV	0.06	0.12
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8190e-003	3.9762e-003
tblVehicleEF	MDV	1.0000e-003	7.5124e-004
tblVehicleEF	MDV	0.06	0.12
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.11
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.16	0.31
tblVehicleEF	MDV	0.01	6.0286e-003
tblVehicleEF	MDV	9.6010e-003	0.07
tblVehicleEF	MDV	1.21	1.19
tblVehicleEF	MDV	1.70	2.49
tblVehicleEF	MDV	502.45	423.99

tblVehicleEF	MDV	96.60	80.65
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.16	0.29
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	2.2730e-003	1.9587e-003
tblVehicleEF	MDV	2.4250e-003	1.9377e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	2.0940e-003	1.8056e-003
tblVehicleEF	MDV	2.2300e-003	1.7819e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.09	0.12
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.13	0.32
tblVehicleEF	MDV	5.0310e-003	4.1085e-003
tblVehicleEF	MDV	9.9500e-004	7.8193e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.09	0.12
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.14	0.35
tblVehicleEF	MDV	0.01	4.8813e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.06	0.95
tblVehicleEF	MDV	2.05	2.85

tblVehicleEF	MDV	473.66	394.54
tblVehicleEF	MDV	96.60	78.44
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.17	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	2.2730e-003	1.8649e-003
tblVehicleEF	MDV	2.4250e-003	1.8223e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	2.0940e-003	1.7191e-003
tblVehicleEF	MDV	2.2300e-003	1.6756e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.10	0.06
tblVehicleEF	MDV	0.15	0.33
tblVehicleEF	MDV	4.7420e-003	3.8228e-003
tblVehicleEF	MDV	1.0010e-003	7.6048e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.10	0.06
tblVehicleEF	MDV	0.16	0.36
tblVehicleEF	MH	0.02	7.8380e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.43	0.83

tblVehicleEF	MH	4.82	1.84
tblVehicleEF	MH	1,126.11	1,447.98
tblVehicleEF	MH	59.42	18.11
tblVehicleEF	MH	0.93	0.94
tblVehicleEF	MH	0.71	0.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.8700e-004	2.5494e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2070e-003	3.2578e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.0800e-004	2.3440e-004
tblVehicleEF	MH	0.76	0.93
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.33	0.39
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.7800e-004	1.7926e-004
tblVehicleEF	MH	0.76	0.93
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.33	0.39
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	8.8559e-003
tblVehicleEF	MH	0.02	0.02

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tblVehicleEF	MH	4.54	1.92
tblVehicleEF	MH	1,126.11	1,475.27
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tblVehicleEF	MH	0.86	0.97
tblVehicleEF	MH	0.68	0.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.8700e-004	2.6718e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2070e-003	3.2515e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.0800e-004	2.4566e-004
tblVehicleEF	MH	1.12	1.04
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.47	0.43
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.27	0.09
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.7300e-004	1.8454e-004
tblVehicleEF	MH	1.12	1.04
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.47	0.43
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.29	0.10
tblVehicleEF	MH	0.02	7.6203e-003

tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.42	0.81
tblVehicleEF	MH	4.87	1.96
tblVehicleEF	MH	1,126.11	1,447.93
tblVehicleEF	MH	59.42	18.33
tblVehicleEF	MH	0.91	0.99
tblVehicleEF	MH	0.71	0.25
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.8700e-004	2.5494e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2070e-003	3.2578e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.0800e-004	2.3440e-004
tblVehicleEF	MH	0.85	0.72
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	0.06	0.04
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.28	0.09
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.7900e-004	1.8140e-004
tblVehicleEF	MH	0.85	0.72
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.31	0.10

tblVehicleEF	MHD	0.02	4.1214e-003
tblVehicleEF	MHD	3.4980e-003	1.8347e-003
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tblVehicleEF	MHD	0.35	0.33
tblVehicleEF	MHD	0.29	0.24
tblVehicleEF	MHD	5.13	1.21
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tblVehicleEF	MHD	1,140.29	1,014.01
tblVehicleEF	MHD	61.49	11.37
tblVehicleEF	MHD	0.35	0.33
tblVehicleEF	MHD	0.76	1.03
tblVehicleEF	MHD	10.11	1.59
tblVehicleEF	MHD	9.0000e-005	2.4041e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8650e-003	6.1497e-003
tblVehicleEF	MHD	7.8500e-004	1.2776e-004
tblVehicleEF	MHD	8.6000e-005	2.3001e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7360e-003	5.8771e-003
tblVehicleEF	MHD	7.2200e-004	1.1747e-004
tblVehicleEF	MHD	9.8100e-004	8.4134e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.6900e-004	5.3093e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.32	0.06

tblVehicleEF	MHD	1.2770e-003	6.0471e-004
tblVehicleEF	MHD	0.01	9.6935e-003
tblVehicleEF	MHD	7.0500e-004	1.1250e-004
tblVehicleEF	MHD	9.8100e-004	8.4134e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.6900e-004	5.3093e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	MHD	0.01	4.2036e-003
tblVehicleEF	MHD	3.5450e-003	2.1413e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.26	0.34
tblVehicleEF	MHD	0.30	0.28
tblVehicleEF	MHD	4.87	1.31
tblVehicleEF	MHD	140.40	64.73
tblVehicleEF	MHD	1,140.29	1,030.65
tblVehicleEF	MHD	61.49	11.94
tblVehicleEF	MHD	0.36	0.34
tblVehicleEF	MHD	0.71	1.02
tblVehicleEF	MHD	10.08	1.58
tblVehicleEF	MHD	7.6000e-005	2.7779e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8650e-003	6.1299e-003
tblVehicleEF	MHD	7.8500e-004	1.3466e-004
tblVehicleEF	MHD	7.2000e-005	2.6577e-004
tblVehicleEF	MHD	0.06	0.06

tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7360e-003	5.8582e-003
tblVehicleEF	MHD	7.2200e-004	1.2382e-004
tblVehicleEF	MHD	1.4660e-003	9.2475e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3700e-004	5.7330e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.30	0.06
tblVehicleEF	MHD	1.3510e-003	6.1548e-004
tblVehicleEF	MHD	0.01	9.8544e-003
tblVehicleEF	MHD	7.0000e-004	1.1815e-004
tblVehicleEF	MHD	1.4660e-003	9.2475e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3700e-004	5.7330e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.33	0.07
tblVehicleEF	MHD	0.02	4.6594e-003
tblVehicleEF	MHD	3.4850e-003	1.7872e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.49	0.49
tblVehicleEF	MHD	0.29	0.24
tblVehicleEF	MHD	5.18	1.28
tblVehicleEF	MHD	121.72	63.61
tblVehicleEF	MHD	1,140.29	1,014.00
tblVehicleEF	MHD	61.49	11.50

tblVehicleEF	MHD	0.33	0.35
tblVehicleEF	MHD	0.74	1.07
tblVehicleEF	MHD	10.12	1.60
tblVehicleEF	MHD	1.0900e-004	3.3923e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8650e-003	6.1497e-003
tblVehicleEF	MHD	7.8500e-004	1.2776e-004
tblVehicleEF	MHD	1.0500e-004	3.2456e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7360e-003	5.8771e-003
tblVehicleEF	MHD	7.2200e-004	1.1747e-004
tblVehicleEF	MHD	9.9000e-004	5.7591e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4900e-004	3.7019e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.1750e-003	6.0440e-004
tblVehicleEF	MHD	0.01	9.6934e-003
tblVehicleEF	MHD	7.0600e-004	1.1379e-004
tblVehicleEF	MHD	9.9000e-004	5.7591e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4900e-004	3.7019e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.03

tblVehicleEF	MHD	0.35	0.07
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tblVehicleEF	OBUS	5.4840e-003	4.5133e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.61
tblVehicleEF	OBUS	0.41	0.56
tblVehicleEF	OBUS	4.93	2.14
tblVehicleEF	OBUS	102.93	90.13
tblVehicleEF	OBUS	1,248.17	1,333.81
tblVehicleEF	OBUS	67.50	18.36
tblVehicleEF	OBUS	0.22	0.34
tblVehicleEF	OBUS	0.71	1.11
tblVehicleEF	OBUS	2.50	0.84
tblVehicleEF	OBUS	2.0000e-005	1.0741e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.7480e-003	7.3393e-003
tblVehicleEF	OBUS	8.4800e-004	2.0131e-004
tblVehicleEF	OBUS	1.9000e-005	1.0277e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.6130e-003	7.0068e-003
tblVehicleEF	OBUS	7.8000e-004	1.8509e-004
tblVehicleEF	OBUS	1.3910e-003	2.6323e-003
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.6200e-004	1.3143e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.07

tblVehicleEF	OBUS	0.31	0.10
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6100e-004	1.8171e-004
tblVehicleEF	OBUS	1.3910e-003	2.6323e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.6200e-004	1.3143e-003
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	0.34	0.11
tblVehicleEF	OBUS	0.01	8.4017e-003
tblVehicleEF	OBUS	5.5780e-003	5.0478e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.61
tblVehicleEF	OBUS	0.42	0.63
tblVehicleEF	OBUS	4.66	2.21
tblVehicleEF	OBUS	108.07	89.14
tblVehicleEF	OBUS	1,248.17	1,355.72
tblVehicleEF	OBUS	67.50	18.81
tblVehicleEF	OBUS	0.23	0.33
tblVehicleEF	OBUS	0.67	1.09
tblVehicleEF	OBUS	2.46	0.83
tblVehicleEF	OBUS	1.7000e-005	1.0501e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.7480e-003	7.0871e-003
tblVehicleEF	OBUS	8.4800e-004	2.0001e-004
tblVehicleEF	OBUS	1.6000e-005	1.0047e-004

tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.6130e-003	6.7657e-003
tblVehicleEF	OBUS	7.8000e-004	1.8390e-004
tblVehicleEF	OBUS	2.0340e-003	2.6502e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0660e-003	1.3153e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	0.30	0.11
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.5700e-004	1.8613e-004
tblVehicleEF	OBUS	2.0340e-003	2.6502e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.0660e-003	1.3153e-003
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	0.32	0.12
tblVehicleEF	OBUS	0.01	8.1710e-003
tblVehicleEF	OBUS	5.4590e-003	4.3905e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.63
tblVehicleEF	OBUS	0.41	0.55
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tblVehicleEF	OBUS	95.85	92.62
tblVehicleEF	OBUS	1,248.17	1,333.79

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tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.7480e-003	7.3393e-003
tblVehicleEF	OBUS	8.4800e-004	2.0131e-004
tblVehicleEF	OBUS	2.3000e-005	1.3345e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.6130e-003	7.0068e-003
tblVehicleEF	OBUS	7.8000e-004	1.8509e-004
tblVehicleEF	OBUS	1.4050e-003	1.8913e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3700e-004	9.3069e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	9.2600e-004	8.8101e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6200e-004	1.8421e-004
tblVehicleEF	OBUS	1.4050e-003	1.8913e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.3700e-004	9.3069e-004
tblVehicleEF	OBUS	0.05	0.04

tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	SBUS	0.83	0.08
tblVehicleEF	SBUS	0.01	6.3970e-003
tblVehicleEF	SBUS	0.06	6.5347e-003
tblVehicleEF	SBUS	8.41	3.26
tblVehicleEF	SBUS	0.61	0.55
tblVehicleEF	SBUS	7.01	0.81
tblVehicleEF	SBUS	1,089.91	359.94
tblVehicleEF	SBUS	1,062.27	1,068.93
tblVehicleEF	SBUS	57.76	5.88
tblVehicleEF	SBUS	7.82	2.97
tblVehicleEF	SBUS	3.46	3.87
tblVehicleEF	SBUS	11.58	1.00
tblVehicleEF	SBUS	7.0050e-003	2.7465e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.9100e-004	6.5725e-005
tblVehicleEF	SBUS	6.7020e-003	2.6277e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6490e-003	2.6420e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.1900e-004	6.0432e-005
tblVehicleEF	SBUS	3.4080e-003	1.5690e-003
tblVehicleEF	SBUS	0.03	9.6318e-003
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8930e-003	8.2589e-004
tblVehicleEF	SBUS	0.09	0.08

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.4388e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.9900e-004	5.8203e-005
tblVehicleEF	SBUS	3.4080e-003	1.5690e-003
tblVehicleEF	SBUS	0.03	9.6318e-003
tblVehicleEF	SBUS	1.45	0.55
tblVehicleEF	SBUS	1.8930e-003	8.2589e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.41	0.04
tblVehicleEF	SBUS	0.83	0.08
tblVehicleEF	SBUS	0.01	6.7846e-003
tblVehicleEF	SBUS	0.05	6.3039e-003
tblVehicleEF	SBUS	8.31	3.11
tblVehicleEF	SBUS	0.62	0.58
tblVehicleEF	SBUS	5.69	0.79
tblVehicleEF	SBUS	1,137.73	361.51
tblVehicleEF	SBUS	1,062.27	1,086.01
tblVehicleEF	SBUS	57.76	5.68
tblVehicleEF	SBUS	8.07	3.09
tblVehicleEF	SBUS	3.26	4.13
tblVehicleEF	SBUS	11.55	0.95
tblVehicleEF	SBUS	5.9050e-003	3.0311e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.9100e-004	6.0241e-005

tblVehicleEF	SBUS	5.6500e-003	2.9000e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6490e-003	2.6525e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.1900e-004	5.5389e-005
tblVehicleEF	SBUS	5.0090e-003	1.4874e-003
tblVehicleEF	SBUS	0.03	9.1168e-003
tblVehicleEF	SBUS	1.00	0.36
tblVehicleEF	SBUS	2.6560e-003	7.7378e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.04
tblVehicleEF	SBUS	0.01	3.4522e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7700e-004	5.6163e-005
tblVehicleEF	SBUS	5.0090e-003	1.4874e-003
tblVehicleEF	SBUS	0.03	9.1168e-003
tblVehicleEF	SBUS	1.44	0.52
tblVehicleEF	SBUS	2.6560e-003	7.7378e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.36	0.04
tblVehicleEF	SBUS	0.83	0.08
tblVehicleEF	SBUS	0.01	6.3019e-003
tblVehicleEF	SBUS	0.06	7.5038e-003
tblVehicleEF	SBUS	8.54	3.34
tblVehicleEF	SBUS	0.61	0.54
tblVehicleEF	SBUS	7.24	1.03
tblVehicleEF	SBUS	1,023.86	344.60

tblVehicleEF	SBUS	1,062.27	1,068.92
tblVehicleEF	SBUS	57.76	6.25
tblVehicleEF	SBUS	7.48	2.84
tblVehicleEF	SBUS	3.40	4.03
tblVehicleEF	SBUS	11.58	1.01
tblVehicleEF	SBUS	8.5240e-003	3.9414e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.9100e-004	6.5725e-005
tblVehicleEF	SBUS	8.1550e-003	3.7709e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6490e-003	2.6420e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.1900e-004	6.0432e-005
tblVehicleEF	SBUS	3.3910e-003	1.0829e-003
tblVehicleEF	SBUS	0.03	9.8617e-003
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8130e-003	5.7290e-004
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.38	0.04
tblVehicleEF	SBUS	0.01	3.2939e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.0300e-004	6.1800e-005
tblVehicleEF	SBUS	3.3910e-003	1.0829e-003
tblVehicleEF	SBUS	0.03	9.8617e-003
tblVehicleEF	SBUS	1.45	0.55
tblVehicleEF	SBUS	1.8130e-003	5.7290e-004

tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	UBUS	2.28	5.85
tblVehicleEF	UBUS	0.05	9.0511e-003
tblVehicleEF	UBUS	10.20	45.43
tblVehicleEF	UBUS	8.89	0.63
tblVehicleEF	UBUS	1,934.49	1,980.91
tblVehicleEF	UBUS	104.15	7.90
tblVehicleEF	UBUS	8.69	0.46
tblVehicleEF	UBUS	14.82	0.07
tblVehicleEF	UBUS	0.59	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.2446e-003
tblVehicleEF	UBUS	1.1960e-003	7.1367e-005
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9689e-003
tblVehicleEF	UBUS	0.11	3.0994e-003
tblVehicleEF	UBUS	1.1000e-003	6.5620e-005
tblVehicleEF	UBUS	4.1520e-003	6.2304e-004
tblVehicleEF	UBUS	0.07	5.0779e-003
tblVehicleEF	UBUS	2.4690e-003	4.2109e-004
tblVehicleEF	UBUS	0.74	0.09
tblVehicleEF	UBUS	0.02	1.0548e-003
tblVehicleEF	UBUS	0.69	0.04
tblVehicleEF	UBUS	9.7410e-003	1.3278e-003
tblVehicleEF	UBUS	1.2020e-003	7.8193e-005
tblVehicleEF	UBUS	4.1520e-003	6.2304e-004
tblVehicleEF	UBUS	0.07	5.0779e-003

tblVehicleEF	UBUS	2.4690e-003	4.2109e-004
tblVehicleEF	UBUS	3.11	5.97
tblVehicleEF	UBUS	0.02	1.0548e-003
tblVehicleEF	UBUS	0.76	0.04
tblVehicleEF	UBUS	2.29	5.85
tblVehicleEF	UBUS	0.05	9.9367e-003
tblVehicleEF	UBUS	10.25	45.42
tblVehicleEF	UBUS	7.71	0.63
tblVehicleEF	UBUS	1,934.49	1,987.99
tblVehicleEF	UBUS	104.15	8.27
tblVehicleEF	UBUS	8.19	0.47
tblVehicleEF	UBUS	14.77	0.08
tblVehicleEF	UBUS	0.59	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.2067e-003
tblVehicleEF	UBUS	1.1960e-003	5.6569e-005
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9689e-003
tblVehicleEF	UBUS	0.11	3.0642e-003
tblVehicleEF	UBUS	1.1000e-003	5.2013e-005
tblVehicleEF	UBUS	5.9260e-003	8.6079e-004
tblVehicleEF	UBUS	0.07	7.6581e-003
tblVehicleEF	UBUS	3.3920e-003	5.9984e-004
tblVehicleEF	UBUS	0.75	0.09
tblVehicleEF	UBUS	0.02	1.6648e-003
tblVehicleEF	UBUS	0.64	0.04
tblVehicleEF	UBUS	9.7420e-003	1.4048e-003
tblVehicleEF	UBUS	1.1820e-003	8.1863e-005
tblVehicleEF	UBUS	5.9260e-003	8.6079e-004

tblVehicleEF	UBUS	0.07	7.6581e-003
tblVehicleEF	UBUS	3.3920e-003	5.9984e-004
tblVehicleEF	UBUS	3.12	5.97
tblVehicleEF	UBUS	0.02	1.6648e-003
tblVehicleEF	UBUS	0.70	0.05
tblVehicleEF	UBUS	2.28	5.85
tblVehicleEF	UBUS	0.05	9.8939e-003
tblVehicleEF	UBUS	10.19	45.43
tblVehicleEF	UBUS	9.10	0.73
tblVehicleEF	UBUS	1,934.49	1,980.90
tblVehicleEF	UBUS	104.15	8.08
tblVehicleEF	UBUS	8.53	0.46
tblVehicleEF	UBUS	14.83	0.07
tblVehicleEF	UBUS	0.59	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.2446e-003
tblVehicleEF	UBUS	1.1960e-003	7.1367e-005
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9689e-003
tblVehicleEF	UBUS	0.11	3.0994e-003
tblVehicleEF	UBUS	1.1000e-003	6.5620e-005
tblVehicleEF	UBUS	4.6510e-003	4.3012e-004
tblVehicleEF	UBUS	0.08	5.3044e-003
tblVehicleEF	UBUS	2.5600e-003	2.8731e-004
tblVehicleEF	UBUS	0.74	0.09
tblVehicleEF	UBUS	0.03	1.4176e-003
tblVehicleEF	UBUS	0.71	0.04
tblVehicleEF	UBUS	9.7410e-003	1.3278e-003
tblVehicleEF	UBUS	1.2060e-003	7.9923e-005

tblVehicleEF	UBUS	4.6510e-003	4.3012e-004
tblVehicleEF	UBUS	0.08	5.3044e-003
tblVehicleEF	UBUS	2.5600e-003	2.8731e-004
tblVehicleEF	UBUS	3.10	5.97
tblVehicleEF	UBUS	0.03	1.4176e-003
tblVehicleEF	UBUS	0.77	0.05
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	6.31
tblVehicleTrips	HO_TL	8.70	6.31
tblVehicleTrips	HS_TL	5.90	6.31
tblVehicleTrips	HS_TL	5.90	6.31
tblVehicleTrips	HW_TL	14.70	6.31
tblVehicleTrips	HW_TL	14.70	6.31
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	5.67	8.13
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	SU_TR	4.84	6.29
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	WD_TR	5.81	7.32
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	9.52	9.44
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00

tblWater	IndoorWaterUseRate	2,475,852.97	0.00
tblWater	IndoorWaterUseRate	532,288.30	0.00
tblWater	IndoorWaterUseRate	11,011,030.33	13,321,770.00
tblWater	OutdoorWaterUseRate	1,560,863.83	0.00
tblWater	OutdoorWaterUseRate	326,241.21	0.00
tblWater	OutdoorWaterUseRate	6,941,736.51	2,360,090.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	1.90	0.00
tblWoodstoves	NumberCatalytic	8.45	0.00
tblWoodstoves	NumberNoncatalytic	1.90	0.00
tblWoodstoves	NumberNoncatalytic	8.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.5894	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947	0.0000	30.8137	30.8137	0.0297	0.0000	31.5554
Energy	0.1464	1.2510	0.5323	7.9800e-003		0.1011	0.1011		0.1011	0.1011		1,596.9772	1,596.9772	0.0306	0.0293	1,606.4672
Mobile	2.8965	2.7361	31.4572	0.0763	9.2230	0.0565	9.2794	2.4466	0.0521	2.4986		7,873.6169	7,873.6169	0.3577		7,882.5597
Total	**12.6323**	**4.1840**	**49.0897**	**0.0852**	**9.2230**	**0.2523**	**9.4753**	**2.4466**	**0.2480**	**2.6945**	**0.0000**	**9,501.4078**	**9,501.4078**	**0.4180**	**0.0293**	**9,520.5824**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.5894	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947	0.0000	30.8137	30.8137	0.0297	0.0000	31.5554
Energy	0.1464	1.2510	0.5323	7.9800e-003		0.1011	0.1011		0.1011	0.1011		1,596.9772	1,596.9772	0.0306	0.0293	1,606.4672
Mobile	2.8965	2.7361	31.4572	0.0763	9.2230	0.0565	9.2794	2.4466	0.0521	2.4986		7,873.6169	7,873.6169	0.3577		7,882.5597
Total	**12.6323**	**4.1840**	**49.0897**	**0.0852**	**9.2230**	**0.2523**	**9.4753**	**2.4466**	**0.2480**	**2.6945**	**0.0000**	**9,501.4078**	**9,501.4078**	**0.4180**	**0.0293**	**9,520.5824**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.8965	2.7361	31.4572	0.0763	9.2230	0.0565	9.2794	2.4466	0.0521	2.4986		7,873.6169	7,873.6169	0.3577		7,882.5597
Unmitigated	2.8965	2.7361	31.4572	0.0763	9.2230	0.0565	9.2794	2.4466	0.0521	2.4986		7,873.6169	7,873.6169	0.3577		7,882.5597

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	278.16	308.94	239.02	636,146	636,146
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Single Family Housing	1,595.36	1,612.26	1444.95	3,620,479	3,620,479
Total	1,873.52	1,921.20	1,683.97	4,256,625	4,256,625

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	6.31	6.31	6.31	40.20	19.20	40.60	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Single Family Housing	6.31	6.31	6.31	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.659532	0.053962	0.249808	0.020000	0.001996	0.000832	0.002743	0.004224	0.000000	0.000000	0.006698	0.000093	0.000113
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Non-Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Parking Lot	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Recreational Swimming Pool	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Single Family Housing	0.659532	0.053962	0.249808	0.020000	0.001996	0.000832	0.002743	0.004224	0.000000	0.000000	0.006698	0.000093	0.000113

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1464	1.2510	0.5323	7.9800e-003		0.1011	0.1011		0.1011	0.1011		1,596.9772	1,596.9772	0.0306	0.0293	1,606.4672
NaturalGas Unmitigated	0.1464	1.2510	0.5323	7.9800e-003		0.1011	0.1011		0.1011	0.1011		1,596.9772	1,596.9772	0.0306	0.0293	1,606.4672

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	1732.06	0.0187	0.1596	0.0679	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.7722	203.7722	3.9100e-003	3.7400e-003	204.9832
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	11842.2	0.1277	1.0913	0.4644	6.9700e-003		0.0882	0.0882		0.0882	0.0882		1,393.2050	1,393.2050	0.0267	0.0255	1,401.4841
Total		**0.1464**	**1.2510**	**0.5323**	**7.9900e-003**		**0.1012**	**0.1012**		**0.1012**	**0.1012**		**1,596.9772**	**1,596.9772**	**0.0306**	**0.0293**	**1,606.4672**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	1.73206	0.0187	0.1596	0.0679	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.7722	203.7722	3.9100e-003	3.7400e-003	204.9832
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Single Family Housing	11.8422	0.1277	1.0913	0.4644	6.9700e-003		0.0882	0.0882		0.0882	0.0882		1,393.2050	1,393.2050	0.0267	0.0255	1,401.4841
Total		**0.1464**	**1.2510**	**0.5323**	**7.9900e-003**		**0.1012**	**0.1012**		**0.1012**	**0.1012**		**1,596.9772**	**1,596.9772**	**0.0306**	**0.0293**	**1,606.4672**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5894	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947	0.0000	30.8137	30.8137	0.0297	0.0000	31.5554
Unmitigated	9.5894	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947	0.0000	30.8137	30.8137	0.0297	0.0000	31.5554

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.7154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.3580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.5160	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947		30.8137	30.8137	0.0297		31.5554
Total	**9.5894**	**0.1970**	**17.1001**	**9.0000e-004**		**0.0947**	**0.0947**		**0.0947**	**0.0947**	**0.0000**	**30.8137**	**30.8137**	**0.0297**	**0.0000**	**31.5554**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.7154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.3580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.5160	0.1970	17.1001	9.0000e-004		0.0947	0.0947		0.0947	0.0947		30.8137	30.8137	0.0297		31.5554
Total	**9.5894**	**0.1970**	**17.1001**	**9.0000e-004**		**0.0947**	**0.0947**		**0.0947**	**0.0947**	**0.0000**	**30.8137**	**30.8137**	**0.0297**	**0.0000**	**31.5554**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

Starlite Residential Development Project Operations

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	136.25	1000sqft	3.13	136,247.00	0
Other Non-Asphalt Surfaces	140.08	1000sqft	3.22	140,080.00	0
Parking Lot	4.20	1000sqft	0.10	4,200.00	0
Recreational Swimming Pool	9.00	1000sqft	0.21	9,000.00	0
Condo/Townhouse	38.00	Dwelling Unit	0.48	62,100.00	109
Single Family Housing	169.00	Dwelling Unit	5.28	346,004.00	483

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2019 SCE Sustainability Report

Land Use - based on info provided by applicant, remainder of land use acreage assigned to single family home acreage (2.63 acres).

Construction Phase -

Vehicle Trips - based on trip generation provided by Iteris

Vehicle Emission Factors - see emfac emissions adjustment

Woodstoves - no fireplaces

Area Coating - assuming pool and associated buildings will be coated as residential. Assumes parking area to be striped only

Energy Use - based on adjustment from NORESCO study. See assumptions file for adjustmet calculations

Water And Wastewater - see USS section of MND. Assigns all water use to single family housing. Assumes 100% aerobic treatment.

Solid Waste - based on solid waste from USS section of MND.

Water Mitigation -

Fleet Mix - see fleet mix adjustment in assumptions file

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	4500	0
tblAreaCoating	Area_Nonresidential_Interior	13500	0
tblAreaCoating	Area_Parking	16832	252
tblAreaCoating	Area_Residential_Exterior	275470	281545
tblAreaCoating	Area_Residential_Interior	826411	844636
tblEnergyUse	T24E	243.83	238.95
tblEnergyUse	T24E	443.48	425.74
tblEnergyUse	T24NG	10,792.56	10,252.93
tblEnergyUse	T24NG	21,090.59	19,192.44
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	32.30	0.00
tblFireplaces	NumberGas	143.65	0.00
tblFireplaces	NumberNoFireplace	3.80	0.00

tblFireplaces	NumberNoFireplace	16.90	0.00
tblFireplaces	NumberWood	1.90	0.00
tblFireplaces	NumberWood	8.45	0.00
tblFleetMix	HHD	0.03	4.2240e-003
tblFleetMix	HHD	0.03	4.2240e-003
tblFleetMix	LDA	0.55	0.66
tblFleetMix	LDA	0.55	0.66
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.25
tblFleetMix	LDT2	0.21	0.25
tblFleetMix	LHD1	0.02	1.9960e-003
tblFleetMix	LHD1	0.02	1.9960e-003
tblFleetMix	LHD2	6.2530e-003	8.3200e-004
tblFleetMix	LHD2	6.2530e-003	8.3200e-004
tblFleetMix	MCY	5.2170e-003	6.6980e-003
tblFleetMix	MCY	5.2170e-003	6.6980e-003
tblFleetMix	MDV	0.12	0.02
tblFleetMix	MDV	0.12	0.02
tblFleetMix	MH	8.5000e-004	1.1300e-004
tblFleetMix	MH	8.5000e-004	1.1300e-004
tblFleetMix	MHD	0.02	2.7430e-003
tblFleetMix	MHD	0.02	2.7430e-003
tblFleetMix	OBUS	2.5600e-003	0.00
tblFleetMix	OBUS	2.5600e-003	0.00
tblFleetMix	SBUS	6.9600e-004	9.3000e-005
tblFleetMix	SBUS	6.9600e-004	9.3000e-005
tblFleetMix	UBUS	2.0710e-003	0.00
tblFleetMix	UBUS	2.0710e-003	0.00

tblLandUse	LandUseSquareFeet	136,250.00	136,247.00
tblLandUse	LandUseSquareFeet	38,000.00	62,100.00
tblLandUse	LandUseSquareFeet	304,200.00	346,004.00
tblLandUse	LotAcreage	2.38	0.48
tblLandUse	LotAcreage	54.87	5.28
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblSolidWaste	SolidWasteGenerationRate	17.48	0.00
tblSolidWaste	SolidWasteGenerationRate	51.30	0.00
tblSolidWaste	SolidWasteGenerationRate	198.03	324.85
tblVehicleEF	HHD	0.47	0.03
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tblVehicleEF	HHD	8.8420e-003	8.8994e-003

tblVehicleEF	HHD	6.0050e-003	0.02
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tblVehicleEF	HHD	3.8700e-004	8.9534e-005
tblVehicleEF	HHD	0.07	2.5791e-006

tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.6100e-004	7.8578e-007
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tblVehicleEF	LDA	0.03	0.06

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tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.06
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.04	0.02
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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	2.0900e-003	1.7127e-003
tblVehicleEF	LDA	2.2190e-003	1.7623e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.9260e-003	1.5777e-003
tblVehicleEF	LDA	2.0400e-003	1.6204e-003
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.09	0.10

tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.6610e-003	2.7078e-003
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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.02
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tblVehicleEF	LDA	0.98	2.03
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tblVehicleEF	LDA	52.79	51.15
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	2.0900e-003	1.6549e-003
tblVehicleEF	LDA	2.2190e-003	1.6911e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.9260e-003	1.5241e-003
tblVehicleEF	LDA	2.0400e-003	1.5549e-003
tblVehicleEF	LDA	0.03	0.04

tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.8101e-003
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.19
tblVehicleEF	LDA	2.4990e-003	2.4810e-003
tblVehicleEF	LDA	5.4400e-004	4.9594e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	0.01	6.2921e-003
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	1.40	1.28
tblVehicleEF	LDT1	2.25	1.80
tblVehicleEF	LDT1	322.00	319.70
tblVehicleEF	LDT1	65.45	60.24
tblVehicleEF	LDT1	0.13	0.08
tblVehicleEF	LDT1	0.13	0.20
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	3.2340e-003	2.3497e-003
tblVehicleEF	LDT1	3.1500e-003	2.2896e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.9770e-003	2.1620e-003
tblVehicleEF	LDT1	2.8970e-003	2.1052e-003

tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	0.09	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.16	0.07
tblVehicleEF	LDT1	0.15	0.25
tblVehicleEF	LDT1	3.2370e-003	3.0995e-003
tblVehicleEF	LDT1	6.9400e-004	5.8407e-004
tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	0.09	0.13
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.16	0.07
tblVehicleEF	LDT1	0.16	0.28
tblVehicleEF	LDT1	0.01	7.0910e-003
tblVehicleEF	LDT1	9.8770e-003	0.06
tblVehicleEF	LDT1	1.52	1.41
tblVehicleEF	LDT1	1.91	1.86
tblVehicleEF	LDT1	336.08	326.72
tblVehicleEF	LDT1	65.45	61.91
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.12	0.22
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	3.2340e-003	2.4947e-003
tblVehicleEF	LDT1	3.1500e-003	2.4463e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.9770e-003	2.2954e-003

tblVehicleEF	LDT1	2.8970e-003	2.2494e-003
tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.08
tblVehicleEF	LDT1	0.13	0.28
tblVehicleEF	LDT1	3.3800e-003	3.1676e-003
tblVehicleEF	LDT1	6.8800e-004	6.0018e-004
tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.14	0.08
tblVehicleEF	LDT1	0.15	0.31
tblVehicleEF	LDT1	0.01	5.8250e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.36	1.14
tblVehicleEF	LDT1	2.32	2.18
tblVehicleEF	LDT1	316.82	303.81
tblVehicleEF	LDT1	65.45	60.99
tblVehicleEF	LDT1	0.13	0.09
tblVehicleEF	LDT1	0.13	0.22
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	3.2340e-003	2.3497e-003
tblVehicleEF	LDT1	3.1500e-003	2.2896e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003

tblVehicleEF	LDT1	2.9770e-003	2.1620e-003
tblVehicleEF	LDT1	2.8970e-003	2.1052e-003
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.26	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.18	0.09
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	3.1850e-003	2.9454e-003
tblVehicleEF	LDT1	6.9500e-004	5.9132e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.26	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.18	0.09
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT2	6.1600e-003	4.2736e-003
tblVehicleEF	LDT2	5.0900e-003	0.05
tblVehicleEF	LDT2	0.76	0.96
tblVehicleEF	LDT2	1.14	2.10
tblVehicleEF	LDT2	357.41	335.60
tblVehicleEF	LDT2	72.80	63.85
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.08	0.21
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	2.1810e-003	1.7734e-003
tblVehicleEF	LDT2	2.3970e-003	1.7548e-003
tblVehicleEF	LDT2	0.02	0.02

tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	2.0060e-003	1.6322e-003
tblVehicleEF	LDT2	2.2040e-003	1.6135e-003
tblVehicleEF	LDT2	0.04	0.10
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.07	0.23
tblVehicleEF	LDT2	3.5800e-003	3.2531e-003
tblVehicleEF	LDT2	7.4700e-004	6.1899e-004
tblVehicleEF	LDT2	0.04	0.10
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.09
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.08	0.26
tblVehicleEF	LDT2	6.5370e-003	4.7109e-003
tblVehicleEF	LDT2	4.5360e-003	0.06
tblVehicleEF	LDT2	0.83	1.03
tblVehicleEF	LDT2	0.98	2.18
tblVehicleEF	LDT2	373.41	346.87
tblVehicleEF	LDT2	72.80	66.35
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.08	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	2.1810e-003	1.8262e-003
tblVehicleEF	LDT2	2.3970e-003	1.8187e-003

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	2.0060e-003	1.6808e-003
tblVehicleEF	LDT2	2.2040e-003	1.6722e-003
tblVehicleEF	LDT2	0.06	0.11
tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.06	0.26
tblVehicleEF	LDT2	3.7410e-003	3.3624e-003
tblVehicleEF	LDT2	7.4400e-004	6.4329e-004
tblVehicleEF	LDT2	0.06	0.11
tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.07	0.28
tblVehicleEF	LDT2	6.0370e-003	3.9315e-003
tblVehicleEF	LDT2	5.2090e-003	0.06
tblVehicleEF	LDT2	0.73	0.85
tblVehicleEF	LDT2	1.18	2.55
tblVehicleEF	LDT2	351.53	320.35
tblVehicleEF	LDT2	72.80	64.68
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.08	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	2.1810e-003	1.7734e-003

tblVehicleEF	LDT2	2.3970e-003	1.7548e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	2.0060e-003	1.6322e-003
tblVehicleEF	LDT2	2.2040e-003	1.6135e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.5210e-003	3.1053e-003
tblVehicleEF	LDT2	7.4800e-004	6.2709e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.9880e-003	5.1438e-003
tblVehicleEF	LHD1	9.2560e-003	4.5391e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.66	0.51
tblVehicleEF	LHD1	2.37	0.99
tblVehicleEF	LHD1	8.95	8.74
tblVehicleEF	LHD1	588.36	641.02
tblVehicleEF	LHD1	31.02	11.57
tblVehicleEF	LHD1	0.07	0.05

tblVehicleEF	LHD1	0.78	0.45
tblVehicleEF	LHD1	0.89	0.28
tblVehicleEF	LHD1	8.3700e-004	8.1539e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7826e-003
tblVehicleEF	LHD1	8.5610e-003	5.7485e-003
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tblVehicleEF	LHD1	8.0100e-004	7.8012e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5540e-003	2.4456e-003
tblVehicleEF	LHD1	8.1660e-003	5.4721e-003
tblVehicleEF	LHD1	8.1400e-004	2.3325e-004
tblVehicleEF	LHD1	2.7900e-003	3.1859e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7340e-003	1.8617e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.17
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	8.9000e-005	8.4839e-005
tblVehicleEF	LHD1	5.7670e-003	6.2545e-003
tblVehicleEF	LHD1	3.5400e-004	1.1452e-004
tblVehicleEF	LHD1	2.7900e-003	3.1859e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7340e-003	1.8617e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.17
tblVehicleEF	LHD1	0.24	0.07

tblVehicleEF	LHD1	4.9880e-003	5.3761e-003
tblVehicleEF	LHD1	9.4510e-003	5.0878e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.67	0.58
tblVehicleEF	LHD1	2.26	1.03
tblVehicleEF	LHD1	8.95	8.81
tblVehicleEF	LHD1	588.36	653.00
tblVehicleEF	LHD1	31.02	11.97
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.73	0.52
tblVehicleEF	LHD1	0.85	0.30
tblVehicleEF	LHD1	8.3700e-004	7.8359e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7291e-003
tblVehicleEF	LHD1	8.5610e-003	5.9884e-003
tblVehicleEF	LHD1	8.8500e-004	2.6819e-004
tblVehicleEF	LHD1	8.0100e-004	7.4969e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5540e-003	2.4323e-003
tblVehicleEF	LHD1	8.1660e-003	5.7009e-003
tblVehicleEF	LHD1	8.1400e-004	2.4659e-004
tblVehicleEF	LHD1	4.1640e-003	3.4572e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4160e-003	2.0042e-003
tblVehicleEF	LHD1	0.06	0.05
tblVehicleEF	LHD1	0.28	0.18
tblVehicleEF	LHD1	0.21	0.07

tblVehicleEF	LHD1	8.9000e-005	8.5605e-005
tblVehicleEF	LHD1	5.7670e-003	6.3745e-003
tblVehicleEF	LHD1	3.5200e-004	1.1848e-004
tblVehicleEF	LHD1	4.1640e-003	3.4572e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.4160e-003	2.0042e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.28	0.18
tblVehicleEF	LHD1	0.23	0.08
tblVehicleEF	LHD1	4.9880e-003	5.1306e-003
tblVehicleEF	LHD1	9.2060e-003	4.4356e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.66	0.50
tblVehicleEF	LHD1	2.39	1.04
tblVehicleEF	LHD1	8.95	8.74
tblVehicleEF	LHD1	588.36	641.00
tblVehicleEF	LHD1	31.02	11.67
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.76	0.47
tblVehicleEF	LHD1	0.89	0.30
tblVehicleEF	LHD1	8.3700e-004	8.1539e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7826e-003
tblVehicleEF	LHD1	8.5610e-003	5.7485e-003
tblVehicleEF	LHD1	8.8500e-004	2.5368e-004
tblVehicleEF	LHD1	8.0100e-004	7.8012e-004
tblVehicleEF	LHD1	0.03	0.03

tblVehicleEF	LHD1	2.5540e-003	2.4456e-003
tblVehicleEF	LHD1	8.1660e-003	5.4721e-003
tblVehicleEF	LHD1	8.1400e-004	2.3325e-004
tblVehicleEF	LHD1	2.9050e-003	2.2616e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7020e-003	1.3351e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.31	0.19
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	8.9000e-005	8.4839e-005
tblVehicleEF	LHD1	5.7670e-003	6.2543e-003
tblVehicleEF	LHD1	3.5400e-004	1.1545e-004
tblVehicleEF	LHD1	2.9050e-003	2.2616e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7020e-003	1.3351e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.19
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD2	3.5180e-003	3.5633e-003
tblVehicleEF	LHD2	3.4110e-003	3.2788e-003
tblVehicleEF	LHD2	6.5620e-003	8.8868e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.28	0.35
tblVehicleEF	LHD2	1.17	0.65
tblVehicleEF	LHD2	13.57	13.29
tblVehicleEF	LHD2	605.98	642.03
tblVehicleEF	LHD2	26.15	8.77

tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	0.46	0.58
tblVehicleEF	LHD2	0.46	0.19
tblVehicleEF	LHD2	1.1260e-003	1.3052e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.0770e-003	9.4980e-003
tblVehicleEF	LHD2	4.2100e-004	1.4313e-004
tblVehicleEF	LHD2	1.0770e-003	1.2487e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6710e-003	2.6534e-003
tblVehicleEF	LHD2	7.7140e-003	9.0713e-003
tblVehicleEF	LHD2	3.8700e-004	1.3161e-004
tblVehicleEF	LHD2	9.3900e-004	1.9234e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.4000e-004	1.1636e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.10
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2730e-004
tblVehicleEF	LHD2	5.9000e-003	6.2092e-003
tblVehicleEF	LHD2	2.8200e-004	8.6758e-005
tblVehicleEF	LHD2	9.3900e-004	1.9234e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.4000e-004	1.1636e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.10

tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	3.5180e-003	3.7479e-003
tblVehicleEF	LHD2	3.4510e-003	3.5743e-003
tblVehicleEF	LHD2	6.3490e-003	9.7971e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.28	0.39
tblVehicleEF	LHD2	1.12	0.69
tblVehicleEF	LHD2	13.57	13.36
tblVehicleEF	LHD2	605.98	654.07
tblVehicleEF	LHD2	26.15	9.16
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	0.44	0.67
tblVehicleEF	LHD2	0.44	0.21
tblVehicleEF	LHD2	1.1260e-003	1.2759e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.0770e-003	9.6267e-003
tblVehicleEF	LHD2	4.2100e-004	1.5202e-004
tblVehicleEF	LHD2	1.0770e-003	1.2207e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6710e-003	2.6429e-003
tblVehicleEF	LHD2	7.7140e-003	9.1939e-003
tblVehicleEF	LHD2	3.8700e-004	1.3978e-004
tblVehicleEF	LHD2	1.3970e-003	2.1079e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.8800e-004	1.2531e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.06	0.11

tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3300e-004	1.2803e-004
tblVehicleEF	LHD2	5.9000e-003	6.3287e-003
tblVehicleEF	LHD2	2.8100e-004	9.0638e-005
tblVehicleEF	LHD2	1.3970e-003	2.1079e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.8800e-004	1.2531e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.06	0.11
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	3.5180e-003	3.5541e-003
tblVehicleEF	LHD2	3.4000e-003	3.2376e-003
tblVehicleEF	LHD2	6.6050e-003	9.2660e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.28	0.35
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.57	13.29
tblVehicleEF	LHD2	605.98	642.02
tblVehicleEF	LHD2	26.15	8.83
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	0.46	0.61
tblVehicleEF	LHD2	0.46	0.21
tblVehicleEF	LHD2	1.1260e-003	1.3052e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.0770e-003	9.4980e-003
tblVehicleEF	LHD2	4.2100e-004	1.4313e-004
tblVehicleEF	LHD2	1.0770e-003	1.2487e-003

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6710e-003	2.6534e-003
tblVehicleEF	LHD2	7.7140e-003	9.0713e-003
tblVehicleEF	LHD2	3.8700e-004	1.3161e-004
tblVehicleEF	LHD2	9.4200e-004	1.3333e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.1900e-004	8.1693e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.11
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3300e-004	1.2730e-004
tblVehicleEF	LHD2	5.9000e-003	6.2091e-003
tblVehicleEF	LHD2	2.8200e-004	8.7371e-005
tblVehicleEF	LHD2	9.4200e-004	1.3333e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.1900e-004	8.1693e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.11
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	MCY	0.55	0.38
tblVehicleEF	MCY	0.15	0.21
tblVehicleEF	MCY	18.62	18.05
tblVehicleEF	MCY	9.70	7.79
tblVehicleEF	MCY	190.93	223.47
tblVehicleEF	MCY	43.78	57.01
tblVehicleEF	MCY	1.13	0.99
tblVehicleEF	MCY	0.31	0.25

tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.5350e-003	2.5427e-003
tblVehicleEF	MCY	3.5080e-003	3.0379e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.3660e-003	2.3736e-003
tblVehicleEF	MCY	3.2930e-003	2.8511e-003
tblVehicleEF	MCY	1.05	1.70
tblVehicleEF	MCY	0.61	0.68
tblVehicleEF	MCY	0.64	1.04
tblVehicleEF	MCY	2.60	2.56
tblVehicleEF	MCY	0.56	0.50
tblVehicleEF	MCY	2.03	1.60
tblVehicleEF	MCY	2.2930e-003	2.2114e-003
tblVehicleEF	MCY	6.5600e-004	5.6414e-004
tblVehicleEF	MCY	1.05	1.70
tblVehicleEF	MCY	0.61	0.68
tblVehicleEF	MCY	0.64	1.04
tblVehicleEF	MCY	3.25	3.19
tblVehicleEF	MCY	0.56	0.50
tblVehicleEF	MCY	2.21	1.74
tblVehicleEF	MCY	0.54	0.37
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.96	18.15
tblVehicleEF	MCY	8.84	7.77
tblVehicleEF	MCY	190.93	222.30
tblVehicleEF	MCY	43.78	57.32
tblVehicleEF	MCY	0.99	0.99

tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.5350e-003	2.4798e-003
tblVehicleEF	MCY	3.5080e-003	3.1545e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.3660e-003	2.3160e-003
tblVehicleEF	MCY	3.2930e-003	2.9646e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.54	2.54
tblVehicleEF	MCY	0.53	0.51
tblVehicleEF	MCY	1.81	1.60
tblVehicleEF	MCY	2.2810e-003	2.1999e-003
tblVehicleEF	MCY	6.3500e-004	5.6721e-004
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	3.18	3.16
tblVehicleEF	MCY	0.53	0.51
tblVehicleEF	MCY	1.97	1.74
tblVehicleEF	MCY	0.55	0.38
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.72	18.88
tblVehicleEF	MCY	9.85	8.72
tblVehicleEF	MCY	190.93	225.05
tblVehicleEF	MCY	43.78	59.29

tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.5350e-003	2.5427e-003
tblVehicleEF	MCY	3.5080e-003	3.0379e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.3660e-003	2.3736e-003
tblVehicleEF	MCY	3.2930e-003	2.8511e-003
tblVehicleEF	MCY	1.15	1.16
tblVehicleEF	MCY	0.78	0.80
tblVehicleEF	MCY	0.61	0.62
tblVehicleEF	MCY	2.61	2.63
tblVehicleEF	MCY	0.65	0.62
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.2950e-003	2.2270e-003
tblVehicleEF	MCY	6.5900e-004	5.8668e-004
tblVehicleEF	MCY	1.15	1.16
tblVehicleEF	MCY	0.78	0.80
tblVehicleEF	MCY	0.61	0.62
tblVehicleEF	MCY	3.26	3.28
tblVehicleEF	MCY	0.65	0.62
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	0.01	5.2986e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.10	1.07
tblVehicleEF	MDV	1.99	2.34
tblVehicleEF	MDV	481.40	410.36

tblVehicleEF	MDV	96.60	77.49
tblVehicleEF	MDV	0.12	0.07
tblVehicleEF	MDV	0.17	0.26
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	2.2730e-003	1.8649e-003
tblVehicleEF	MDV	2.4250e-003	1.8223e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	2.0940e-003	1.7191e-003
tblVehicleEF	MDV	2.2300e-003	1.6756e-003
tblVehicleEF	MDV	0.06	0.12
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8190e-003	3.9762e-003
tblVehicleEF	MDV	1.0000e-003	7.5124e-004
tblVehicleEF	MDV	0.06	0.12
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.11
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.16	0.31
tblVehicleEF	MDV	0.01	6.0286e-003
tblVehicleEF	MDV	9.6010e-003	0.07
tblVehicleEF	MDV	1.21	1.19
tblVehicleEF	MDV	1.70	2.49

tblVehicleEF	MDV	502.45	423.99
tblVehicleEF	MDV	96.60	80.65
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.16	0.29
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	2.2730e-003	1.9587e-003
tblVehicleEF	MDV	2.4250e-003	1.9377e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	2.0940e-003	1.8056e-003
tblVehicleEF	MDV	2.2300e-003	1.7819e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.09	0.12
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.13	0.32
tblVehicleEF	MDV	5.0310e-003	4.1085e-003
tblVehicleEF	MDV	9.9500e-004	7.8193e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.09	0.12
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.14	0.35
tblVehicleEF	MDV	0.01	4.8813e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.06	0.95

tblVehicleEF	MDV	2.05	2.85
tblVehicleEF	MDV	473.66	394.54
tblVehicleEF	MDV	96.60	78.44
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.17	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	2.2730e-003	1.8649e-003
tblVehicleEF	MDV	2.4250e-003	1.8223e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
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tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.10	0.06
tblVehicleEF	MDV	0.15	0.33
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tblVehicleEF	MDV	1.0010e-003	7.6048e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.10	0.06
tblVehicleEF	MDV	0.16	0.36
tblVehicleEF	MH	0.02	7.8380e-003
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	1.43	0.83
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tblVehicleEF	MH	1,126.11	1,447.98
tblVehicleEF	MH	59.42	18.11
tblVehicleEF	MH	0.93	0.94
tblVehicleEF	MH	0.71	0.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.8700e-004	2.5494e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2070e-003	3.2578e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.0800e-004	2.3440e-004
tblVehicleEF	MH	0.76	0.93
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.33	0.39
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.7800e-004	1.7926e-004
tblVehicleEF	MH	0.76	0.93
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.33	0.39
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	8.8559e-003

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tblVehicleEF	MH	0.68	0.24
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tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.8700e-004	2.6718e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2070e-003	3.2515e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.0800e-004	2.4566e-004
tblVehicleEF	MH	1.12	1.04
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.47	0.43
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.27	0.09
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.7300e-004	1.8454e-004
tblVehicleEF	MH	1.12	1.04
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	0.47	0.43
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.29	0.10

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tblVehicleEF	MH	1,126.11	1,447.93
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tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.8700e-004	2.5494e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2070e-003	3.2578e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	9.0800e-004	2.3440e-004
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tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	0.06	0.04
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.28	0.09
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.7900e-004	1.8140e-004
tblVehicleEF	MH	0.85	0.72
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.02	0.01

tblVehicleEF	MH	0.31	0.10
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tblVehicleEF	MHD	3.4980e-003	1.8347e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.35	0.33
tblVehicleEF	MHD	0.29	0.24
tblVehicleEF	MHD	5.13	1.21
tblVehicleEF	MHD	132.56	63.60
tblVehicleEF	MHD	1,140.29	1,014.01
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tblVehicleEF	MHD	0.76	1.03
tblVehicleEF	MHD	10.11	1.59
tblVehicleEF	MHD	9.0000e-005	2.4041e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8650e-003	6.1497e-003
tblVehicleEF	MHD	7.8500e-004	1.2776e-004
tblVehicleEF	MHD	8.6000e-005	2.3001e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7360e-003	5.8771e-003
tblVehicleEF	MHD	7.2200e-004	1.1747e-004
tblVehicleEF	MHD	9.8100e-004	8.4134e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.6900e-004	5.3093e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.02

tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.2770e-003	6.0471e-004
tblVehicleEF	MHD	0.01	9.6935e-003
tblVehicleEF	MHD	7.0500e-004	1.1250e-004
tblVehicleEF	MHD	9.8100e-004	8.4134e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.6900e-004	5.3093e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	MHD	0.01	4.2036e-003
tblVehicleEF	MHD	3.5450e-003	2.1413e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.26	0.34
tblVehicleEF	MHD	0.30	0.28
tblVehicleEF	MHD	4.87	1.31
tblVehicleEF	MHD	140.40	64.73
tblVehicleEF	MHD	1,140.29	1,030.65
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tblVehicleEF	MHD	0.36	0.34
tblVehicleEF	MHD	0.71	1.02
tblVehicleEF	MHD	10.08	1.58
tblVehicleEF	MHD	7.6000e-005	2.7779e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8650e-003	6.1299e-003
tblVehicleEF	MHD	7.8500e-004	1.3466e-004
tblVehicleEF	MHD	7.2000e-005	2.6577e-004

tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7360e-003	5.8582e-003
tblVehicleEF	MHD	7.2200e-004	1.2382e-004
tblVehicleEF	MHD	1.4660e-003	9.2475e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3700e-004	5.7330e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.30	0.06
tblVehicleEF	MHD	1.3510e-003	6.1548e-004
tblVehicleEF	MHD	0.01	9.8544e-003
tblVehicleEF	MHD	7.0000e-004	1.1815e-004
tblVehicleEF	MHD	1.4660e-003	9.2475e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3700e-004	5.7330e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.33	0.07
tblVehicleEF	MHD	0.02	4.6594e-003
tblVehicleEF	MHD	3.4850e-003	1.7872e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.49	0.49
tblVehicleEF	MHD	0.29	0.24
tblVehicleEF	MHD	5.18	1.28
tblVehicleEF	MHD	121.72	63.61
tblVehicleEF	MHD	1,140.29	1,014.00

tblVehicleEF	MHD	61.49	11.50
tblVehicleEF	MHD	0.33	0.35
tblVehicleEF	MHD	0.74	1.07
tblVehicleEF	MHD	10.12	1.60
tblVehicleEF	MHD	1.0900e-004	3.3923e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8650e-003	6.1497e-003
tblVehicleEF	MHD	7.8500e-004	1.2776e-004
tblVehicleEF	MHD	1.0500e-004	3.2456e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7360e-003	5.8771e-003
tblVehicleEF	MHD	7.2200e-004	1.1747e-004
tblVehicleEF	MHD	9.9000e-004	5.7591e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4900e-004	3.7019e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.1750e-003	6.0440e-004
tblVehicleEF	MHD	0.01	9.6934e-003
tblVehicleEF	MHD	7.0600e-004	1.1379e-004
tblVehicleEF	MHD	9.9000e-004	5.7591e-004
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4900e-004	3.7019e-004
tblVehicleEF	MHD	0.04	0.02

tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	0.35	0.07
tblVehicleEF	OBUS	0.01	8.3628e-003
tblVehicleEF	OBUS	5.4840e-003	4.5133e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.61
tblVehicleEF	OBUS	0.41	0.56
tblVehicleEF	OBUS	4.93	2.14
tblVehicleEF	OBUS	102.93	90.13
tblVehicleEF	OBUS	1,248.17	1,333.81
tblVehicleEF	OBUS	67.50	18.36
tblVehicleEF	OBUS	0.22	0.34
tblVehicleEF	OBUS	0.71	1.11
tblVehicleEF	OBUS	2.50	0.84
tblVehicleEF	OBUS	2.0000e-005	1.0741e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.7480e-003	7.3393e-003
tblVehicleEF	OBUS	8.4800e-004	2.0131e-004
tblVehicleEF	OBUS	1.9000e-005	1.0277e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.6130e-003	7.0068e-003
tblVehicleEF	OBUS	7.8000e-004	1.8509e-004
tblVehicleEF	OBUS	1.3910e-003	2.6323e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.6200e-004	1.3143e-003
tblVehicleEF	OBUS	0.04	0.03

tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	0.31	0.10
tblVehicleEF	OBUS	9.9400e-004	8.5745e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6100e-004	1.8171e-004
tblVehicleEF	OBUS	1.3910e-003	2.6323e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.6200e-004	1.3143e-003
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	0.34	0.11
tblVehicleEF	OBUS	0.01	8.4017e-003
tblVehicleEF	OBUS	5.5780e-003	5.0478e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.61
tblVehicleEF	OBUS	0.42	0.63
tblVehicleEF	OBUS	4.66	2.21
tblVehicleEF	OBUS	108.07	89.14
tblVehicleEF	OBUS	1,248.17	1,355.72
tblVehicleEF	OBUS	67.50	18.81
tblVehicleEF	OBUS	0.23	0.33
tblVehicleEF	OBUS	0.67	1.09
tblVehicleEF	OBUS	2.46	0.83
tblVehicleEF	OBUS	1.7000e-005	1.0501e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.7480e-003	7.0871e-003
tblVehicleEF	OBUS	8.4800e-004	2.0001e-004

tblVehicleEF	OBUS	1.6000e-005	1.0047e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.6130e-003	6.7657e-003
tblVehicleEF	OBUS	7.8000e-004	1.8390e-004
tblVehicleEF	OBUS	2.0340e-003	2.6502e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0660e-003	1.3153e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	0.30	0.11
tblVehicleEF	OBUS	1.0430e-003	8.4822e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.5700e-004	1.8613e-004
tblVehicleEF	OBUS	2.0340e-003	2.6502e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.0660e-003	1.3153e-003
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	0.32	0.12
tblVehicleEF	OBUS	0.01	8.1710e-003
tblVehicleEF	OBUS	5.4590e-003	4.3905e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.26	0.63
tblVehicleEF	OBUS	0.41	0.55
tblVehicleEF	OBUS	4.98	2.29
tblVehicleEF	OBUS	95.85	92.62

tblVehicleEF	OBUS	1,248.17	1,333.79
tblVehicleEF	OBUS	67.50	18.62
tblVehicleEF	OBUS	0.21	0.38
tblVehicleEF	OBUS	0.70	1.16
tblVehicleEF	OBUS	2.50	0.85
tblVehicleEF	OBUS	2.4000e-005	1.3949e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.7480e-003	7.3393e-003
tblVehicleEF	OBUS	8.4800e-004	2.0131e-004
tblVehicleEF	OBUS	2.3000e-005	1.3345e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.6130e-003	7.0068e-003
tblVehicleEF	OBUS	7.8000e-004	1.8509e-004
tblVehicleEF	OBUS	1.4050e-003	1.8913e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3700e-004	9.3069e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	9.2600e-004	8.8101e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6200e-004	1.8421e-004
tblVehicleEF	OBUS	1.4050e-003	1.8913e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.3700e-004	9.3069e-004

tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	SBUS	0.83	0.08
tblVehicleEF	SBUS	0.01	6.3970e-003
tblVehicleEF	SBUS	0.06	6.5347e-003
tblVehicleEF	SBUS	8.41	3.26
tblVehicleEF	SBUS	0.61	0.55
tblVehicleEF	SBUS	7.01	0.81
tblVehicleEF	SBUS	1,089.91	359.94
tblVehicleEF	SBUS	1,062.27	1,068.93
tblVehicleEF	SBUS	57.76	5.88
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tblVehicleEF	SBUS	3.46	3.87
tblVehicleEF	SBUS	11.58	1.00
tblVehicleEF	SBUS	7.0050e-003	2.7465e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.9100e-004	6.5725e-005
tblVehicleEF	SBUS	6.7020e-003	2.6277e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6490e-003	2.6420e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.1900e-004	6.0432e-005
tblVehicleEF	SBUS	3.4080e-003	1.5690e-003
tblVehicleEF	SBUS	0.03	9.6318e-003
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8930e-003	8.2589e-004

tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.4388e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.9900e-004	5.8203e-005
tblVehicleEF	SBUS	3.4080e-003	1.5690e-003
tblVehicleEF	SBUS	0.03	9.6318e-003
tblVehicleEF	SBUS	1.45	0.55
tblVehicleEF	SBUS	1.8930e-003	8.2589e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.41	0.04
tblVehicleEF	SBUS	0.83	0.08
tblVehicleEF	SBUS	0.01	6.7846e-003
tblVehicleEF	SBUS	0.05	6.3039e-003
tblVehicleEF	SBUS	8.31	3.11
tblVehicleEF	SBUS	0.62	0.58
tblVehicleEF	SBUS	5.69	0.79
tblVehicleEF	SBUS	1,137.73	361.51
tblVehicleEF	SBUS	1,062.27	1,086.01
tblVehicleEF	SBUS	57.76	5.68
tblVehicleEF	SBUS	8.07	3.09
tblVehicleEF	SBUS	3.26	4.13
tblVehicleEF	SBUS	11.55	0.95
tblVehicleEF	SBUS	5.9050e-003	3.0311e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03

tblVehicleEF	SBUS	8.9100e-004	6.0241e-005
tblVehicleEF	SBUS	5.6500e-003	2.9000e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6490e-003	2.6525e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.1900e-004	5.5389e-005
tblVehicleEF	SBUS	5.0090e-003	1.4874e-003
tblVehicleEF	SBUS	0.03	9.1168e-003
tblVehicleEF	SBUS	1.00	0.36
tblVehicleEF	SBUS	2.6560e-003	7.7378e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.04
tblVehicleEF	SBUS	0.01	3.4522e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7700e-004	5.6163e-005
tblVehicleEF	SBUS	5.0090e-003	1.4874e-003
tblVehicleEF	SBUS	0.03	9.1168e-003
tblVehicleEF	SBUS	1.44	0.52
tblVehicleEF	SBUS	2.6560e-003	7.7378e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.36	0.04
tblVehicleEF	SBUS	0.83	0.08
tblVehicleEF	SBUS	0.01	6.3019e-003
tblVehicleEF	SBUS	0.06	7.5038e-003
tblVehicleEF	SBUS	8.54	3.34
tblVehicleEF	SBUS	0.61	0.54
tblVehicleEF	SBUS	7.24	1.03

tblVehicleEF	SBUS	1,023.86	344.60
tblVehicleEF	SBUS	1,062.27	1,068.92
tblVehicleEF	SBUS	57.76	6.25
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tblVehicleEF	SBUS	3.40	4.03
tblVehicleEF	SBUS	11.58	1.01
tblVehicleEF	SBUS	8.5240e-003	3.9414e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.9100e-004	6.5725e-005
tblVehicleEF	SBUS	8.1550e-003	3.7709e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6490e-003	2.6420e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	8.1900e-004	6.0432e-005
tblVehicleEF	SBUS	3.3910e-003	1.0829e-003
tblVehicleEF	SBUS	0.03	9.8617e-003
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8130e-003	5.7290e-004
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.38	0.04
tblVehicleEF	SBUS	0.01	3.2939e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.0300e-004	6.1800e-005
tblVehicleEF	SBUS	3.3910e-003	1.0829e-003
tblVehicleEF	SBUS	0.03	9.8617e-003
tblVehicleEF	SBUS	1.45	0.55

tblVehicleEF	SBUS	1.8130e-003	5.7290e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	UBUS	2.28	5.85
tblVehicleEF	UBUS	0.05	9.0511e-003
tblVehicleEF	UBUS	10.20	45.43
tblVehicleEF	UBUS	8.89	0.63
tblVehicleEF	UBUS	1,934.49	1,980.91
tblVehicleEF	UBUS	104.15	7.90
tblVehicleEF	UBUS	8.69	0.46
tblVehicleEF	UBUS	14.82	0.07
tblVehicleEF	UBUS	0.59	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.2446e-003
tblVehicleEF	UBUS	1.1960e-003	7.1367e-005
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9689e-003
tblVehicleEF	UBUS	0.11	3.0994e-003
tblVehicleEF	UBUS	1.1000e-003	6.5620e-005
tblVehicleEF	UBUS	4.1520e-003	6.2304e-004
tblVehicleEF	UBUS	0.07	5.0779e-003
tblVehicleEF	UBUS	2.4690e-003	4.2109e-004
tblVehicleEF	UBUS	0.74	0.09
tblVehicleEF	UBUS	0.02	1.0548e-003
tblVehicleEF	UBUS	0.69	0.04
tblVehicleEF	UBUS	9.7410e-003	1.3278e-003
tblVehicleEF	UBUS	1.2020e-003	7.8193e-005
tblVehicleEF	UBUS	4.1520e-003	6.2304e-004

tblVehicleEF	UBUS	0.07	5.0779e-003
tblVehicleEF	UBUS	2.4690e-003	4.2109e-004
tblVehicleEF	UBUS	3.11	5.97
tblVehicleEF	UBUS	0.02	1.0548e-003
tblVehicleEF	UBUS	0.76	0.04
tblVehicleEF	UBUS	2.29	5.85
tblVehicleEF	UBUS	0.05	9.9367e-003
tblVehicleEF	UBUS	10.25	45.42
tblVehicleEF	UBUS	7.71	0.63
tblVehicleEF	UBUS	1,934.49	1,987.99
tblVehicleEF	UBUS	104.15	8.27
tblVehicleEF	UBUS	8.19	0.47
tblVehicleEF	UBUS	14.77	0.08
tblVehicleEF	UBUS	0.59	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.2067e-003
tblVehicleEF	UBUS	1.1960e-003	5.6569e-005
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9689e-003
tblVehicleEF	UBUS	0.11	3.0642e-003
tblVehicleEF	UBUS	1.1000e-003	5.2013e-005
tblVehicleEF	UBUS	5.9260e-003	8.6079e-004
tblVehicleEF	UBUS	0.07	7.6581e-003
tblVehicleEF	UBUS	3.3920e-003	5.9984e-004
tblVehicleEF	UBUS	0.75	0.09
tblVehicleEF	UBUS	0.02	1.6648e-003
tblVehicleEF	UBUS	0.64	0.04
tblVehicleEF	UBUS	9.7420e-003	1.4048e-003
tblVehicleEF	UBUS	1.1820e-003	8.1863e-005

tblVehicleEF	UBUS	5.9260e-003	8.6079e-004
tblVehicleEF	UBUS	0.07	7.6581e-003
tblVehicleEF	UBUS	3.3920e-003	5.9984e-004
tblVehicleEF	UBUS	3.12	5.97
tblVehicleEF	UBUS	0.02	1.6648e-003
tblVehicleEF	UBUS	0.70	0.05
tblVehicleEF	UBUS	2.28	5.85
tblVehicleEF	UBUS	0.05	9.8939e-003
tblVehicleEF	UBUS	10.19	45.43
tblVehicleEF	UBUS	9.10	0.73
tblVehicleEF	UBUS	1,934.49	1,980.90
tblVehicleEF	UBUS	104.15	8.08
tblVehicleEF	UBUS	8.53	0.46
tblVehicleEF	UBUS	14.83	0.07
tblVehicleEF	UBUS	0.59	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.2446e-003
tblVehicleEF	UBUS	1.1960e-003	7.1367e-005
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9689e-003
tblVehicleEF	UBUS	0.11	3.0994e-003
tblVehicleEF	UBUS	1.1000e-003	6.5620e-005
tblVehicleEF	UBUS	4.6510e-003	4.3012e-004
tblVehicleEF	UBUS	0.08	5.3044e-003
tblVehicleEF	UBUS	2.5600e-003	2.8731e-004
tblVehicleEF	UBUS	0.74	0.09
tblVehicleEF	UBUS	0.03	1.4176e-003
tblVehicleEF	UBUS	0.71	0.04
tblVehicleEF	UBUS	9.7410e-003	1.3278e-003

tblVehicleEF	UBUS	1.2060e-003	7.9923e-005
tblVehicleEF	UBUS	4.6510e-003	4.3012e-004
tblVehicleEF	UBUS	0.08	5.3044e-003
tblVehicleEF	UBUS	2.5600e-003	2.8731e-004
tblVehicleEF	UBUS	3.10	5.97
tblVehicleEF	UBUS	0.03	1.4176e-003
tblVehicleEF	UBUS	0.77	0.05
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	6.31
tblVehicleTrips	HO_TL	8.70	6.31
tblVehicleTrips	HS_TL	5.90	6.31
tblVehicleTrips	HS_TL	5.90	6.31
tblVehicleTrips	HW_TL	14.70	6.31
tblVehicleTrips	HW_TL	14.70	6.31
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	5.67	8.13
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	SU_TR	4.84	6.29
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	WD_TR	5.81	7.32
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	9.52	9.44
tblWater	AerobicPercent	87.46	100.00

tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	2,475,852.97	0.00
tblWater	IndoorWaterUseRate	532,288.30	0.00
tblWater	IndoorWaterUseRate	11,011,030.33	13,321,770.00
tblWater	OutdoorWaterUseRate	1,560,863.83	0.00
tblWater	OutdoorWaterUseRate	326,241.21	0.00
tblWater	OutdoorWaterUseRate	6,941,736.51	2,360,090.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	1.90	0.00
tblWoodstoves	NumberCatalytic	8.45	0.00
tblWoodstoves	NumberNoncatalytic	1.90	0.00
tblWoodstoves	NumberNoncatalytic	8.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.7204	0.0246	2.1375	1.1000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	3.4942	3.4942	3.3600e-003	0.0000	3.5783
Energy	0.0267	0.2283	0.0972	1.4600e-003		0.0185	0.0185		0.0185	0.0185	0.0000	644.5458	644.5458	0.0258	9.1400e-003	647.9146
Mobile	0.5236	0.4410	5.6448	0.0141	1.5875	9.9000e-003	1.5973	0.4217	9.1300e-003	0.4309	0.0000	1,317.7834	1,317.7834	0.0553	0.0000	1,319.1652

Waste						0.0000	0.0000		0.0000	0.0000	65.9416	0.0000	65.9416	3.8970	0.0000	163.3676
Water						0.0000	0.0000		0.0000	0.0000	4.7133	48.1351	52.8484	0.0189	0.0108	56.5360
Total	**2.2707**	**0.6939**	**7.8794**	**0.0156**	**1.5875**	**0.0402**	**1.6276**	**0.4217**	**0.0394**	**0.4612**	**70.6549**	**2,013.958 6**	**2,084.6135**	**4.0003**	**0.0199**	**2,190.561 7**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.7204	0.0246	2.1375	1.1000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	3.4942	3.4942	3.3600e-003	0.0000	3.5783
Energy	0.0267	0.2283	0.0972	1.4600e-003		0.0185	0.0185		0.0185	0.0185	0.0000	644.5458	644.5458	0.0258	9.1400e-003	647.9146
Mobile	0.5236	0.4410	5.6448	0.0141	1.5875	9.9000e-003	1.5973	0.4217	9.1300e-003	0.4309	0.0000	1,317.783 4	1,317.7834	0.0553	0.0000	1,319.165 2
Waste						0.0000	0.0000		0.0000	0.0000	65.9416	0.0000	65.9416	3.8970	0.0000	163.3676
Water						0.0000	0.0000		0.0000	0.0000	4.7133	48.1351	52.8484	0.0189	0.0108	56.5360
Total	**2.2707**	**0.6939**	**7.8794**	**0.0156**	**1.5875**	**0.0402**	**1.6276**	**0.4217**	**0.0394**	**0.4612**	**70.6549**	**2,013.958 6**	**2,084.6135**	**4.0003**	**0.0199**	**2,190.561 7**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5236	0.4410	5.6448	0.0141	1.5875	9.9000e-003	1.5973	0.4217	9.1300e-003	0.4309	0.0000	1,317.7834	1,317.7834	0.0553	0.0000	1,319.1652
Unmitigated	0.5236	0.4410	5.6448	0.0141	1.5875	9.9000e-003	1.5973	0.4217	9.1300e-003	0.4309	0.0000	1,317.7834	1,317.7834	0.0553	0.0000	1,319.1652

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	278.16	308.94	239.02	636,146	636,146
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Single Family Housing	1,595.36	1,612.26	1444.95	3,620,479	3,620,479
Total	1,873.52	1,921.20	1,683.97	4,256,625	4,256,625

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	6.31	6.31	6.31	40.20	19.20	40.60	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Single Family Housing	6.31	6.31	6.31	40.20	19.20	40.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.659532	0.053962	0.249808	0.020000	0.001996	0.000832	0.002743	0.004224	0.000000	0.000000	0.006698	0.000093	0.000113
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Non-Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Parking Lot	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Recreational Swimming Pool	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Single Family Housing	0.659532	0.053962	0.249808	0.020000	0.001996	0.000832	0.002743	0.004224	0.000000	0.000000	0.006698	0.000093	0.000113

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	380.1484	380.1484	0.0207	4.2900e-003	381.9460
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	380.1484	380.1484	0.0207	4.2900e-003	381.9460
NaturalGas Mitigated	0.0267	0.2283	0.0972	1.4600e-003		0.0185	0.0185		0.0185	0.0185	0.0000	264.3975	264.3975	5.0700e-003	4.8500e-003	265.9687
NaturalGas Unmitigated	0.0267	0.2283	0.0972	1.4600e-003		0.0185	0.0185		0.0185	0.0185	0.0000	264.3975	264.3975	5.0700e-003	4.8500e-003	265.9687

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	632203	3.4100e-003	0.0291	0.0124	1.9000e-004		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	33.7368	33.7368	6.5000e-004	6.2000e-004	33.9373

Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	4.32242e+006	0.0233	0.1992	0.0848	1.2700e-003		0.0161	0.0161		0.0161	0.0161	0.0000	230.6607	230.6607	4.4200e-003	4.2300e-003	232.0314
Total		**0.0267**	**0.2283**	**0.0972**	**1.4600e-003**		**0.0185**	**0.0185**		**0.0185**	**0.0185**	**0.0000**	**264.3975**	**264.3975**	**5.0700e-003**	**4.8500e-003**	**265.9687**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	632203	3.4100e-003	0.0291	0.0124	1.9000e-004		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	33.7368	33.7368	6.5000e-004	6.2000e-004	33.9373
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	4.32242e+006	0.0233	0.1992	0.0848	1.2700e-003		0.0161	0.0161		0.0161	0.0161	0.0000	230.6607	230.6607	4.4200e-003	4.2300e-003	232.0314
Total		**0.0267**	**0.2283**	**0.0972**	**1.4600e-003**		**0.0185**	**0.0185**		**0.0185**	**0.0185**	**0.0000**	**264.3975**	**264.3975**	**5.0700e-003**	**4.8500e-003**	**265.9687**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e

Land Use	kWh/yr	MT/yr			
Condo/Townhouse	191332	46.1220	2.5200e-003	5.2000e-004	46.3401
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	1470	0.3544	2.0000e-005	0.0000	0.3560
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.3842e+006	333.6720	0.0182	3.7700e-003	335.2498
Total		**380.1484**	**0.0208**	**4.2900e-003**	**381.9460**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	191332	46.1220	2.5200e-003	5.2000e-004	46.3401
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	1470	0.3544	2.0000e-005	0.0000	0.3560
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.3842e+006	333.6720	0.0182	3.7700e-003	335.2498
Total		**380.1484**	**0.0208**	**4.2900e-003**	**381.9460**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7204	0.0246	2.1375	1.1000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	3.4942	3.4942	3.3600e-003	0.0000	3.5783
Unmitigated	1.7204	0.0246	2.1375	1.1000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	3.4942	3.4942	3.3600e-003	0.0000	3.5783

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1306					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.5253					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0645	0.0246	2.1375	1.1000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	3.4942	3.4942	3.3600e-003	0.0000	3.5783
Total	**1.7204**	**0.0246**	**2.1375**	**1.1000e-004**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**3.4942**	**3.4942**	**3.3600e-003**	**0.0000**	**3.5783**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1306					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Consumer Products	1.5253					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0645	0.0246	2.1375	1.1000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	3.4942	3.4942	3.3600e-003	0.0000	3.5783
Total	**1.7204**	**0.0246**	**2.1375**	**1.1000e-004**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**3.4942**	**3.4942**	**3.3600e-003**	**0.0000**	**3.5783**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	52.8484	0.0189	0.0108	56.5360
Unmitigated	52.8484	0.0189	0.0108	56.5360

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	13.3218 / 2.36009	52.8484	0.0189	0.0108	56.5360
Total		**52.8484**	**0.0189**	**0.0108**	**56.5360**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	13.3218 / 2.36009	52.8484	0.0189	0.0108	56.5360
Total		**52.8484**	**0.0189**	**0.0108**	**56.5360**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	65.9416	3.8970	0.0000	163.3676
Unmitigated	65.9416	3.8970	0.0000	163.3676

8.2 Waste by Land Use

Unmitigated

Land Use	Waste Disposed (tons)	Total CO2 (MT/yr)	CH4	N2O	CO2e
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	324.85	65.9416	3.8970	0.0000	163.3676
Total		**65.9416**	**3.8970**	**0.0000**	**163.3676**

Mitigated

Land Use	Waste Disposed (tons)	Total CO2 (MT/yr)	CH4	N2O	CO2e
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	324.85	65.9416	3.8970	0.0000	163.3676
Total		**65.9416**	**3.8970**	**0.0000**	**163.3676**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

LST Worksheets

Construction Localized Significance Thresholds - Asphalt & Building Demolition

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
11	1.00	25	82	12.4

Source Receptor	South San Gabriel Valley	Equipment	Acres/8-hr Day		Daily hours	Equipment Used	Acres
Distance (meters)	25	Tractors	0.5	0.0625			0
NOx	**83**	Graders	0.5	0.0625			0
CO	**673**	Dozers	0.5	0.0625	8	2	1
PM10	**5.00**	Scrapers	1	0.125			0
PM2.5	**4.00**					**Acres**	1.00

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	83	84	96	123	193
	1	83	84	96	123	193
		83	84	96	123	193
CO	1	673	760	1113	2110	6884
	1	673	760	1113	2110	6884
		673	760	1113	2110	6884
PM10	1	5	13	29	60	153
	1	5	13	29	60	153
		5	13	29	60	153
PM2.5	1	4	5	9	20	83
	1	4	5	9	20	83
		4	5	9	20	83

South San Gabriel Valley

1.00 Acres

	25	**50**	**100**	**200**	**500**
NOx	83	84	96	123	193
CO	673	760	1113	2110	6884
PM10	5	13	29	60	153
PM2.5	4	5	9	20	83

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
11	1	11	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds - Asphalt & Building Demolition and Debris Haul

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
11	1.50	25	82	12.4

Source Receptor	**South San Gabriel Valley**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	1	0.5
NOx	**102**	Graders	0.5	0.0625			0
CO	**852**	Dozers	0.5	0.0625	8	2	1
PM10	**6.00**	Scrapers	1	0.125			0
PM2.5	**4.50**					**Acres**	1.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	83	84	96	123	193
	2	121	118	126	147	206
		102	101	111	135	200
CO	1	673	760	1113	2110	6884
	2	1031	1143	1554	2660	7530
		852	952	1334	2385	7207
PM10	1	5	13	29	60	153
	2	7	22	37	68	162
		6	18	33	64	158
PM2.5	1	4	5	9	20	83
	2	5	8	12	24	89
		5	7	11	22	86

South San Gabriel Valley

1.50 Acres

	25	**50**	**100**	**200**	**500**
NOx	102	101	111	135	200
CO	852	952	1334	2385	7207
PM10	6	18	33	64	158
PM2.5	5	7	11	22	86

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
11	1	11	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds - Rough Grading

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
11	4.50	25	82	12.4

Source Receptor	South San Gabriel Valley	Equipment	Acres/8-hr Day		Daily hours	Equipment Used	Acres
Distance (meters)	25	Tractors	0.5	0.0625	8	2	1
NOx	**173**	Graders	0.5	0.0625	8	1	0.5
CO	**1,683**	Dozers	0.5	0.0625	8	2	1
PM10	**12.83**	Scrapers	1	0.125	8	2	2
PM2.5	**8.33**					**Acres**	4.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	4	162	157	165	184	232
	5	183	176	184	202	245
		173	166	174	193	239
CO	4	1553	1704	2217	3569	8738
	5	1814	1984	2549	4024	9342
		1684	1844	2383	3797	9040
PM10	4	12	36	52	83	178
	5	14	43	59	91	186
		13	40	55	87	182
PM2.5	4	8	11	17	31	99
	5	9	12	19	34	104
		8	11	18	32	102

South San Gabriel Valley

4.50 Acres

	25	**50**	**100**	**200**	**500**
NOx	173	166	174	193	239
CO	1684	1844	2383	3797	9040
PM10	13	40	55	87	182
PM2.5	8	11	18	32	102

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
11	4	11	5
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds - Rough Grading and Asphalt Demolition Debris Onsite Reprocessing

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
11	4.50	25	82	12.4

Source Receptor	South San Gabriel Valley	Equipment	Acres/8-hr Day		Daily hours	Equipment Used	Acres
Distance (meters)	25	Tractors	0.5	0.0625	8	2	1
NOx	**173**	Graders	0.5	0.0625	8	1	0.5
CO	**1,683**	Dozers	0.5	0.0625	8	2	1
PM10	**12.83**	Scrapers	1	0.125	8	2	2
PM2.5	**8.33**					**Acres**	4.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	4	162	157	165	184	232
	5	183	176	184	202	245
		173	166	174	193	239
CO	4	1553	1704	2217	3569	8738
	5	1814	1984	2549	4024	9342
		1684	1844	2383	3797	9040
PM10	4	12	36	52	83	178
	5	14	43	59	91	186
		13	40	55	87	182
PM2.5	4	8	11	17	31	99
	5	9	12	19	34	104
		8	11	18	32	102

South San Gabriel Valley

4.50 Acres

	25	**50**	**100**	**200**	**500**
NOx	173	166	174	193	239
CO	1684	1844	2383	3797	9040
PM10	13	40	55	87	182
PM2.5	8	11	18	32	102

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
11	4	11	5
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds - Rough Grading and Soil Hauling

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
11	4.50	25	82	12.4

Source Receptor	South San Gabriel Valley	Equipment	Acres/8-hr Day		Daily hours	Equipment Used	Acres
Distance (meters)	25	Tractors	0.5	0.0625	8	2	1
NOx	**173**	Graders	0.5	0.0625	8	1	0.5
CO	**1,683**	Dozers	0.5	0.0625	8	2	1
PM10	**12.83**	Scrapers	1	0.125	8	2	2
PM2.5	**8.33**					**Acres**	4.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	4	162	157	165	184	232
	5	183	176	184	202	245
		173	166	174	193	239
CO	4	1553	1704	2217	3569	8738
	5	1814	1984	2549	4024	9342
		1684	1844	2383	3797	9040
PM10	4	12	36	52	83	178
	5	14	43	59	91	186
		13	40	55	87	182
PM2.5	4	8	11	17	31	99
	5	9	12	19	34	104
		8	11	18	32	102

South San Gabriel Valley

4.50 Acres

	25	**50**	**100**	**200**	**500**
NOx	173	166	174	193	239
CO	1684	1844	2383	3797	9040
PM10	13	40	55	87	182
PM2.5	8	11	18	32	102

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
11	4	11	5
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds - Utilities Trenching

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
11	0.50	25	82	12.4

Source Receptor	**South San Gabriel Valley**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	1	0.5
NOx	**83**	Graders	0.5	0.0625			0
CO	**673**	Dozers	0.5	0.0625			0
PM10	**5.00**	Scrapers	1	0.125			0
PM2.5	**4.00**					**Acres**	0.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	83	84	96	123	193
	1	83	84	96	123	193
		83	84	96	123	193
CO	1	673	760	1113	2110	6884
	1	673	760	1113	2110	6884
		673	760	1113	2110	6884
PM10	1	5	13	29	60	153
	1	5	13	29	60	153
		5	13	29	60	153
PM2.5	1	4	5	9	20	83
	1	4	5	9	20	83
		4	5	9	20	83

South San Gabriel Valley

0.50 Acres

	25	**50**	**100**	**200**	**500**
NOx	83	84	96	123	193
CO	673	760	1113	2110	6884
PM10	5	13	29	60	153
PM2.5	4	5	9	20	83

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
11	1	11	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds - Paving

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
11	0.00	25	82	12.4

Source Receptor	South San Gabriel Valley	Equipment	Acres/8-hr Day		Daily hours	Equipment Used	Acres
Distance (meters)	25	Tractors	0.5	0.0625			0
NOx	**83**	Graders	0.5	0.0625			0
CO	**673**	Dozers	0.5	0.0625			0
PM10	**5.00**	Scrapers	1	0.125			0
PM2.5	**4.00**					**Acres**	0.00

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	83	84	96	123	193
	1	83	84	96	123	193
		83	84	96	123	193
CO	1	673	760	1113	2110	6884
	1	673	760	1113	2110	6884
		673	760	1113	2110	6884
PM10	1	5	13	29	60	153
	1	5	13	29	60	153
		5	13	29	60	153
PM2.5	1	4	5	9	20	83
	1	4	5	9	20	83
		4	5	9	20	83

South San Gabriel Valley

0.00 Acres

	25	**50**	**100**	**200**	**500**
NOx	83	84	96	123	193
CO	673	760	1113	2110	6884
PM10	5	13	29	60	153
PM2.5	4	5	9	20	83

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
11	1	11	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds - Building Construction

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
11	0.88	25	82	12.4

Source Receptor	South San Gabriel Valley	Equipment	Acres/8-hr Day		Daily hours	Equipment Used	Acres
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**83**	Graders	0.5	0.0625			0
CO	**673**	Dozers	0.5	0.0625			0
PM10	**5.00**	Scrapers	1	0.125			0
PM2.5	**4.00**					**Acres**	0.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	83	84	96	123	193
	1	83	84	96	123	193
		83	84	96	123	193
CO	1	673	760	1113	2110	6884
	1	673	760	1113	2110	6884
		673	760	1113	2110	6884
PM10	1	5	13	29	60	153
	1	5	13	29	60	153
		5	13	29	60	153
PM2.5	1	4	5	9	20	83
	1	4	5	9	20	83
		4	5	9	20	83

South San Gabriel Valley

0.88 Acres

	25	**50**	**100**	**200**	**500**
NOx	83	84	96	123	193
CO	673	760	1113	2110	6884
PM10	5	13	29	60	153
PM2.5	4	5	9	20	83

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
11	1	11	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds - Building Construction and Architectural Coating

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
11	0.88	25	82	12.4

Source Receptor	**South San Gabriel Valley**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**83**	Graders	0.5	0.0625			0
CO	**673**	Dozers	0.5	0.0625			0
PM10	**5.00**	Scrapers	1	0.125			0
PM2.5	**4.00**					**Acres**	0.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	83	84	96	123	193
	1	83	84	96	123	193
		83	84	96	123	193
CO	1	673	760	1113	2110	6884
	1	673	760	1113	2110	6884
		673	760	1113	2110	6884
PM10	1	5	13	29	60	153
	1	5	13	29	60	153
		5	13	29	60	153
PM2.5	1	4	5	9	20	83
	1	4	5	9	20	83
		4	5	9	20	83

South San Gabriel Valley

0.88 Acres

	25	**50**	**100**	**200**	**500**
NOx	83	84	96	123	193
CO	673	760	1113	2110	6884
PM10	5	13	29	60	153
PM2.5	4	5	9	20	83

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
11	1	11	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Appendix C-a Cultural and Paleontological Report

Appendix

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CULTURAL AND PALEONTOLOGICAL RESOURCES ASSESSMENT FOR THE STARLITE RESIDENTIAL PROJECT, CITY OF SOUTH EL MONTE, LOS ANGELES COUNTY, CALIFORNIA

Prepared for:
Dina El Chammas Gass, PE
PlaceWorks
3 MacArthur Place, Suite 1100
Santa Ana, California 92707

Authors:
Sandy Duarte, B.A.; Shannon Lopez, M.A.; Kelly Vreeland, M.S.

Principal Investigators:
John Gust, PhD, RPA
Kim Scott, M.S.

Date
May 2021 (revised)

Cogstone Project Number: 5217
Type of Study: Cultural and Paleontological Resource Assessment
Sites: None within the Project Area
USGS 7.5' Quadrangle: El Monte (1994)
Area: 13.3 acres
Key Words: Cultural and Paleontological Resources Assessment, City of South El Monte, Los Angeles County, Tongva/Gabrielino/Gabrieleño territory, negative cultural and paleontological survey, Starlite Drive-In theater

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SUMMARY OF FINDINGS

This study was conducted to determine the potential impacts to cultural and paleontological resources during the Starlite Residential Project (Project) in the City of South El Monte (City; Figure 1), Los Angeles County, California. The City of South El Monte is the lead agency for the Project under the California Environmental Quality Act (CEQA).

The Project Area is located on 13.3 acres between Rosemead Boulevard and Chico Avenue in the City of South El Monte, Los Angeles County, California. Specifically, it is located in Township 1 South, Range 11 West, Section 29 on the United States Geological Survey (USGS) 7.5-minute El Monte topographic quadrangle map, San Bernardino Base and Meridian. Maximum planned depths for grading and utilities trenching are 7 and 10 feet respectively.

PALEONTOLOGICAL RESOURCES

The Project Area is mapped entirely as late Pleistocene to Holocene young alluvial fan deposits, which were deposited from 129,000 years ago through into historic times. The paleontological record search revealed no fossil localities from within the Project Area or within a 5-mile radius. Fossil localities are known from terrestrial deposits near to the Project. Extinct late Pleistocene animal fossils of mammoth, horse, camel, Harlan's ground sloth, Pacific mastodon, sabre-toothed cat, California turkey, and bison have been recovered from within 12 miles of the study area.

The paleontological records search revealed that all of the fossils previously recovered within a 12-mile radius were a minimum of 5 feet deep in deposits mapped as Pleistocene at the surface. Sediments with a Holocene component such as those of the study area produced fossils starting at 24 feet deep near to the Project Area. As such the Project sediments less than 20 feet below the modern surface are assigned a low potential for fossils (PFYC 2) and deeper deposits are assigned a moderate potential for fossils (PFYC 3) due to similar deposits producing fossils at that depth near to the study area.

Based on fossils found in similar sediments nearby, no paleontological monitoring is currently recommended for the mass excavations. Drilling or pile driving activities, regardless of depth, have a low potential to produce fossils meeting significance criteria because any fossils brought up by the auger during drilling will not have information about formation, depth or context. If unanticipated fossil discoveries are made, all work must halt within 50 feet until a qualified paleontologist can evaluate the find. Work may resume immediately outside of the 50-foot radius.

CULTURAL RESOURCES

The Starlite Drive-In theater sign (constructed in 1950) is recommended eligible for individual listing on the California Register of Historic Resources (CRHR) under Criteria 1 and 3. The sign is important for its historical association with drive-in movie theaters and car culture in the United States. It is also an excellent example of a Streamline Modern/Googie style theater sign

and work of an important architect, J. (Jonas) Arthur Drielsma. The sign is a key element of the Starlite Drive-In theater; the theater as a whole has lost integrity due to demolition of important features, but the sign remains significant in its own right as a freestanding historic resource and retains much of its integrity.

It is Cogstone's understanding that there is an interest in restoring the Starlite Drive-In theater's sign to its original condition with a possibility for incorporation into future development of the Project Area. The sign may be moved a short distance within the site so long as it continues to face Rosemead Boulevard, therefore, its relationship to the street will remain the same. Upon review of potential building plans for the Project Area, the majority of the new buildings will be set back away from the sign and located within the drive-in's parking lot. With Cogstone's recommendation of historical significance and eligibility for listing, we strongly encourage the restoration or rehabilitation of this resource following the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, & Reconstructing Historic Building*.

2559 Chico Avenue (Commercial Building) was demolished just prior to Cogstone's field visit and, therefore, the building could not be documented or evaluated for eligibility for listing in either the California Register of Historical Resources (CRHR).

2559 Chico Avenue (Single Family Residence); due to a lack of significance the single family residence at 2559 Chico Avenue is recommended not eligible for listing on the CRHR.

Cogstone requested a search of the California Historic Resources Information System (CHRIS) from the South Central Coastal Information Center (SCCIC) on February 12, 2021 that included the entire proposed Project Area as well as a half-mile radius. The SCCIC completed the request on March 17, 2021. Results of the record search indicate that seventeen previous studies have been completed within a half-mile of the proposed Project Area. There are no previous studies within the Project Area. The records search also determined there are no previously recorded resources located within the Project boundaries. One historic resource, an overhead electrical transmission line, is located within a half-mile of the Project Area.

A Sacred Lands File (SLF) search requested from the Native American Heritage Commission (NAHC) on February 12, 2021 indicated that there are sacred lands or resources known within the Project Area (Appendix C). The NAHC recommended that eight representatives from local Native American tribal organizations be contacted for further information regarding the Project vicinity. The City of South El Monte is conducting tribal consultations to meet the requirements of Assembly Bill 52 and Senate Bill 18.

Cogstone archaeologist and cross-trained paleontologist Sandy Duarte surveyed the Project Area on March 2, 2021. Due to the heavily developed Project Area, the pedestrian survey consisted of 10-meter wide transects. No archaeological or paleontological resources were observed within the Project Area during the survey.

Based on the results of the pedestrian survey and cultural records search, the Project Area has low sensitivity for prehistoric cultural resources. Analysis of these data sources and historical

USDA aerial photographs and USGS topographic quadrangle maps indicate that the Project Area also has low sensitivity for significant buried historical archaeological features such as foundations or trash pits. No further archaeological work is recommended but any information provided in support of the positive SLF search result during tribal consultation must be considered during the approval process.

In the event of an unanticipated discovery, all work must be suspended within 50 feet of the find until it is evaluated by a qualified archaeologist. In the unlikely event that human remains are encountered during Project development, all work must cease near the find immediately.

In accordance with California Health and Safety Code Section 7050.5, the County Coroner must be notified if potentially human bone is discovered. The Coroner will then determine within two working days of being notified if the remains are subject to his or her authority. If the Coroner recognizes the remains to be Native American, he or she shall contact the Native American Heritage Commission (NAHC) by phone within 24 hours, in accordance with Public Resources Code Section 5097.98. The NAHC will then designate a Most Likely Descendant (MLD) with respect to the human remains. The MLD then has the opportunity to recommend to the property owner or the person responsible for the excavation work means for treating or disposing, with appropriate dignity, the human remains and associated grave goods. Work may not resume in the vicinity of the find until all requirements of the health and safety code have been met.

INTRODUCTION

PURPOSE OF STUDY

This study was conducted to determine the potential impacts to cultural and paleontological resources during the Starlite Residential Project (Project) in the City of South El Monte (City; Figure 1), Los Angeles County, California. The City of South El Monte is the lead agency for the Project under the California Environmental Quality Act (CEQA).

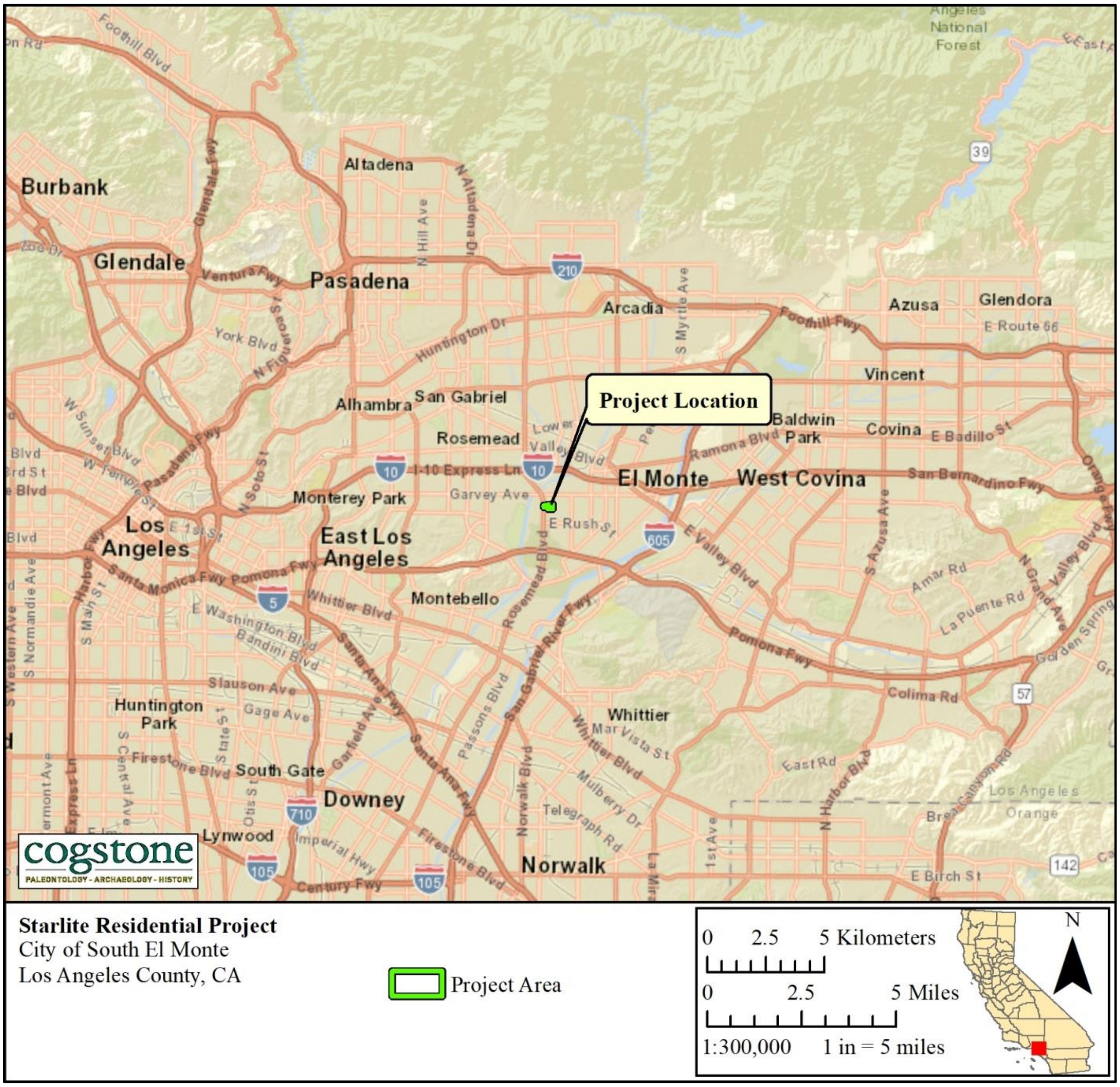


Figure 1. Project Vicinity Map

PROJECT LOCATION AND DESCRIPTION

The Project Area is located on 13.3 acres between Rosemead Boulevard and Chico Avenue in the City of South El Monte, Los Angeles County, California. Specifically, it is located in Township 1 South, Range 11 West, Section 29 on the United States Geological Survey (USGS) 7.5-minute El Monte topographic quadrangle map, San Bernardino Base and Meridian (Figures 2 and 3).

The Project involves the construction of 207 residential units that include 38 cottages and 169 detached units. The Project Area was formerly used as a drive-in theater and is currently used for a swap meet. The Project Area is almost entirely hardscaped. Maximum planned depths for grading and utilities trenching are 7 and 10 feet respectively.

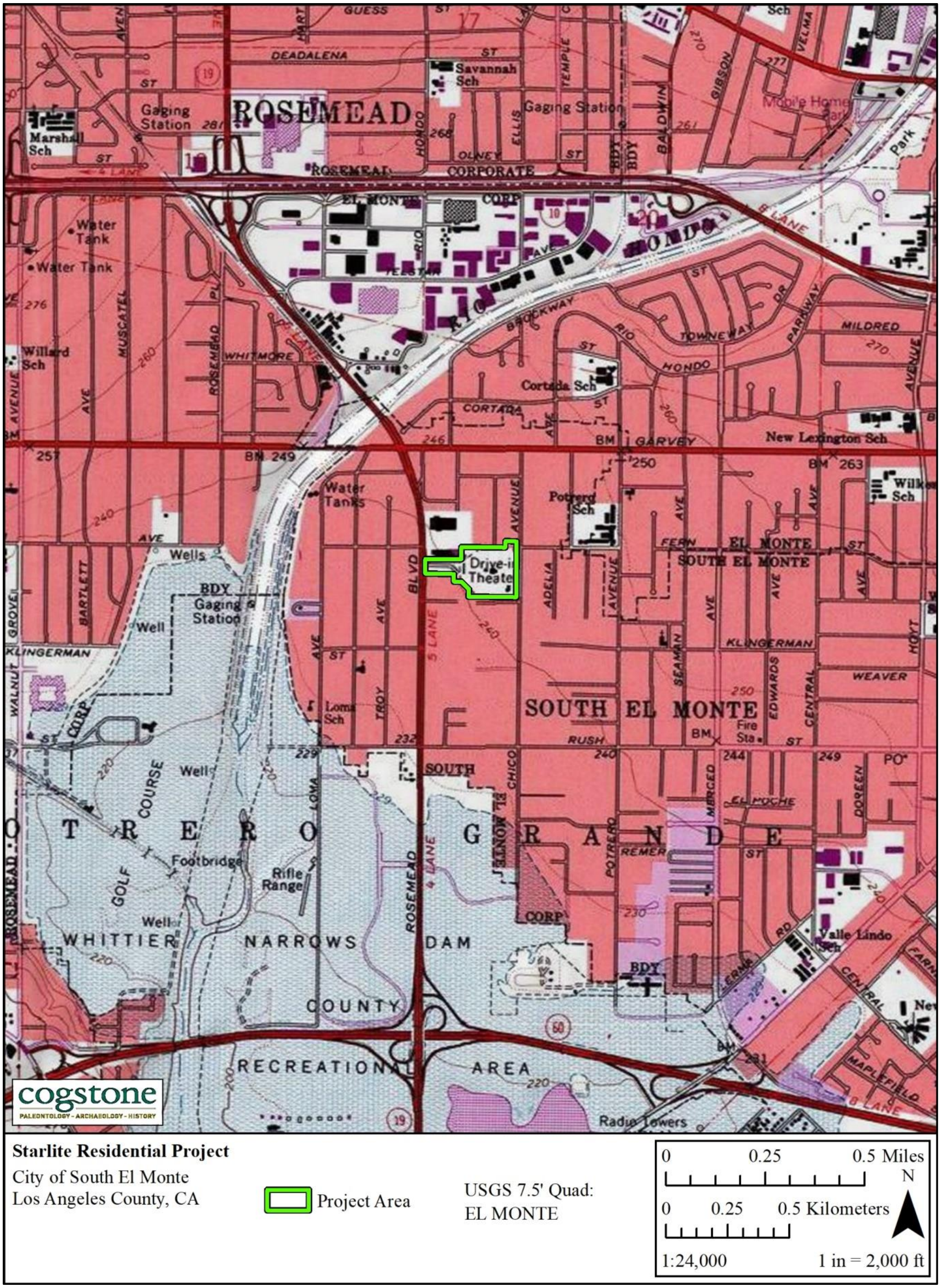


Figure 2. Project Location Map



Figure 3. Project Aerial Map

PROJECT PERSONNEL

Cogstone Resource Management, Inc. (Cogstone) carried out this assessment and drafted this report. Brief resumes of key project personnel are in Appendix A.

- Molly Valasik provided QAQC for the Project. Ms. Valasik has an M.A. in Anthropology from Kent State University in Ohio and over 12 years of experience in southern California archaeology.

- Dr. John Gust, RPA, served as the Task Manager and Principal Investigator for Archaeology for the Project, and reviewed this report. Dr. Gust has a Ph.D in Anthropology from the University of California (UC), Riverside, and over 9 years of experience in archaeology.

- Eric Scott provided QA/QC of the paleontology and geology sections of this report. Mr. Scott has an M.A. in Anthropology, with an emphasis in biological paleoanthropology, from the University of California, Los Angeles (UCLA), and more than 37 years of experience in California paleontology.

- Kim Scott served as the Principal Investigator for Paleontology for the Project and reviewed the geological and paleontological portions of this report. Ms. Scott has an M.S. in Biology with paleontology emphasis from California State University (CSU), San Bernardino, a B.S. in Geology with paleontology emphasis from UCLA, and over 25 years of experience in California paleontology and geology.

- Shannon Lopez conducted the built environment survey and the evaluation of historic resources, and co-authored this report. Ms. Lopez holds an M.A. in History from CSU Fullerton and has three years of experience in history and architectural history.

- Sandy Duarte conducted the field survey, and co-authored this report. Mrs. Duarte holds a B.A. in Anthropology from UC Santa Barbara, and has more than 18 years of experience in California archaeology.

- Kelly Vreeland authored the geological and paleontological portions of this report. Ms. Vreeland has an M.S. and a B.S. in Geology, with an emphasis in paleontology, from CSU Fullerton, as well as 10 years of experience in California paleontology and geology.

- Logan Freeberg prepared the Geographic Information System (GIS) maps throughout this report. Mr. Freeberg has a B.A. in Anthropology from the UC Santa Barbara and a GIS

certification from CSU Fullerton and over 18 years of experience in California archaeology.

REGULATORY ENVIRONMENT

STATE LAWS AND REGULATIONS

CALIFORNIA ENVIRONMENTAL QUALITY ACT

CEQA states that: It is the policy of the state that public agencies should not approve projects as proposed if there are feasible alternatives or feasible mitigation measures available which would substantially lessen the significant environmental effects of such projects, and that the procedures required are intended to assist public agencies in systematically identifying both the significant effects of proposed project and the feasible alternatives or feasible mitigation measures which will avoid or substantially lessen such significant effects.

CEQA declares that it is state policy to: "take all action necessary to provide the people of this state with...historic environmental qualities." It further states that public or private projects financed or approved by the state are subject to environmental review by the state. All such projects, unless entitled to an exemption, may proceed only after this requirement has been satisfied. CEQA requires detailed studies that analyze the environmental effects of a proposed project. In the event that a project is determined to have a potential significant environmental effect, the act requires that alternative plans and mitigation measures be considered.

TRIBAL CULTURAL RESOURCES

As of 2015, CEQA established that "[a] project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment" (Public Resources Code, § 21084.2). In order to be considered a "tribal cultural resource," a resource must be either:

(1) listed, or determined to be eligible for listing, on the national, state, or local register of historic resources, or
(2) a resource that the lead agency chooses, in its discretion, to treat as a tribal cultural resource.

To help determine whether a project may have such an effect, the lead agency must consult with any California Native American tribe that requests consultation and is traditionally and culturally affiliated with the geographic area of a proposed project. If a lead agency determines that a project may cause a substantial adverse change to tribal cultural resources, the lead agency must consider measures to mitigate that impact. Public Resources Code §20184.3 (b)(2) provides

examples of mitigation measures that lead agencies may consider to avoid or minimize impacts to tribal cultural resources.

PUBLIC RESOURCES CODE

Section 5097.5: No person shall knowingly and willfully excavate upon, or remove, destroy, injure or deface any historic or prehistoric ruins, burial grounds, archaeological or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, or any other archaeological, paleontological or historical feature, situated on public lands (lands under state, county, city, district or public authority jurisdiction, or the jurisdiction of a public corporation), except with the express permission of the public agency having jurisdiction over such lands. Violation of this section is a misdemeanor. As used in this section, "public lands" means lands owned by, or under the jurisdiction of, the state, or any city, county, district, authority, or public corporation, or any agency thereof.

CALIFORNIA REGISTER OF HISTORICAL RESOURCES

The California Register of Historical Resources (CRHR) is a listing of all properties considered to be significant historical resources in the state. The California Register includes all properties listed or determined eligible for listing on the National Register, including properties evaluated under Section 106, and State Historical Landmarks No. 770 and above. The California Register statute specifically provides that historical resources listed, determined eligible for listing on the California Register by the State Historical Resources Commission, or resources that meet the California Register criteria are resources which must be given consideration under CEQA (see above). Other resources, such as resources listed on local registers of historic resources or in local surveys, may be listed if they are determined by the State Historic Resources Commission to be significant in accordance with criteria and procedures to be adopted by the Commission and are nominated; their listing in the California Register is not automatic.

The types of resources include building, site, structure, object, and historic district. Eligibility for the CRHR is determined based upon the presence of integrity of location, design, setting, materials, workmanship, feeling, and association in a resource. In addition, the resource must meet one of the following four criteria to meet significance at the local, state or national level. The criteria area as follows:

1) Associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States;
2) Associated with the lives of persons important to local, California, or national history;
3) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master or possesses high artistic values; or
4) Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

In addition to having significance, resources must have integrity for the period of significance. The period of significance is the date or span of time within which significant events transpired, or significant individuals made their important contributions. Integrity is the authenticity of a historical resource's physical identity as evidenced by the survival of characteristics or historic fabric that existed during the resource's period of significance.

Alterations to a resource or changes in its use over time may have historical, cultural, or architectural significance. Simply, resources must retain enough of their historic character or appearance to be recognizable as historical resources and to convey the reasons for their significance. A resource that has lost its historic character or appearance may still have sufficient integrity for the California Register, if, under Criterion 4, it maintains the potential to yield significant scientific or historical information or specific data.

NATIVE AMERICAN HUMAN REMAINS

Sites that may contain human remains important to Native Americans must be identified and treated in a sensitive manner, consistent with state law (i.e., Health and Safety Code §7050.5 and Public Resources Code §5097.98), as reviewed below:

In the event that human remains are encountered during project development and in accordance with the Health and Safety Code Section 7050.5, the County Coroner must be notified if potentially human bone is discovered. The Coroner will then determine within two working days of being notified if the remains are subject to his or her authority. If the Coroner recognizes the remains to be Native American, he or she shall contact the Native American Heritage Commission (NAHC) by phone within 24 hours, in accordance with Public Resources Code Section 5097.98. The NAHC will then designate a Most Likely Descendant (MLD) with respect to the human remains. The MLD then has the opportunity to recommend to the property owner or the person responsible for the excavation work means for treating or disposing, with appropriate dignity, the human remains and associated grave goods.

CALIFORNIA ADMINISTRATIVE CODE, TITLE 14, SECTION 4307

This section states that "No person shall remove, injure, deface or destroy any object of paleontological, archeological or historical interest or value."

LOS ANGELES COUNTY LAWS AND REGULATIONS

Cultural and Paleontological resources are addressed under the Conservation and Natural Resource Element of the Los Angeles County 2035 General Plan (2012), which states the following:

- Goal C/NR 14: Protected historic, cultural, and paleontological resources.

- Policy C/NR 14.1: Mitigate all impacts from new development on or adjacent to historic, cultural, and paleontological resources to the greatest extent feasible.
- Policy C/NR 14.2: Support an inter-jurisdictional collaborative system that protects and enhances the County's historic, cultural, and paleontological resources.
- Policy C/NR 14.5: Promote public awareness of the County's historic, cultural, and paleontological resources.
- Policy C/NR 14.6: Ensure proper notification and recovery processes are carried out for development on or near historic, cultural, and paleontological resources.

DEFINITION OF SIGNIFICANCE FOR PALEONTOLOGICAL RESOURCES

Only qualified, trained paleontologists with specific expertise in the type of fossils being evaluated can determine the scientific significance of paleontological resources. Fossils are considered to be significant if one or more of the following criteria apply:

1. The fossils provide information on the evolutionary relationships and developmental trends among organisms, living or extinct;
2. The fossils provide data useful in determining the age(s) of the rock unit or sedimentary stratum, including data important in determining the depositional history of the region and the timing of geologic events therein;
3. The fossils provide data regarding the development of biological communities or interaction between paleobotanical and paleozoological biotas;
4. The fossils demonstrate unusual or spectacular circumstances in the history of life;
5. The fossils are in short supply and/or in danger of being depleted or destroyed by the elements, vandalism, or commercial exploitation, and are not found in other geographic locations.

As so defined, significant paleontological resources are determined to be fossils or assemblages of fossils that are unique, unusual, rare, uncommon, or diagnostically important. Significant fossils can include remains of large to very small aquatic and terrestrial vertebrates or remains of plants and animals previously not represented in certain portions of the stratigraphy. Assemblages of fossils that might aid stratigraphic correlation, particularly those offering data for the interpretation of tectonic events, geomorphologic evolution, and paleoclimatology are also critically important (Scott and Springer 2003; Scott et al. 2004).

BACKGROUND

GEOLOGICAL SETTING

The Project lies within the Los Angeles Basin, a sedimentary basin which includes the coastal plains of Los Angeles and Orange counties and extends out to Catalina Island, California. This region is bounded by the Santa Ana Mountains to the east, the Santa Monica Mountains to the north, and the San Joaquin Hills to the south. The marine Los Angeles Basin began to develop in the early Miocene Epoch, about 23 million years ago. Through time the basin transitioned to terrestrial deposition by the middle Pleistocene, about 1 million years ago.

The area is part of the coastal section of the northernmost Peninsular Range Geomorphic Province and is characterized by elongated northwest-trending mountain ridges separated by sediment-floored valleys. Subparallel faults branching off from the San Andreas Fault to the east create the local mountains and hills. The Peninsular Ranges Geomorphic Province is located in the southwestern corner of California and is bounded by the Transverse Ranges Geomorphic Province to the north and the Colorado Desert Geomorphic Province to the east (Wagner 2002).

STRATIGRAPHY

Geologic mapping indicates that the Project is underlain by late Pleistocene to Holocene young alluvial fans deposits (unit 3), which were deposited between 129,000 years ago and historic times (Campbell et al. 2014). Although not mapped, the Project Area contains various amounts of artificial fill that was placed during previous development, and is noted in the geotechnical investigation conducted by RMA GeoScience (2020).

ARTIFICIAL FILL

Artificial fill (modern) is frequently not depicted on geologic maps due to its ubiquitous nature; it is usually only shown when its extent is considerable. Although such fill is typically less than a few feet thick, it can be substantially thicker in the areas of overpasses, freeways, and other large earthworks. Any fossils that may be encountered therein are not scientifically significant. Based upon the geotechnical investigation, the Project Area contains 2.5–5 feet of artificial fill.

YOUNG ALLUVIAL FAN DEPOSITS, UNIT 3

Alluvial fan deposits are laid down along the outer slopes of our valleys from local mountains via the mouths of canyons, mainly from flooding streams and debris flows. Sediments consist primarily of unconsolidated silt, sand, and gravel deposits (Campbell et al. 2014). Clasts coarsen upstream with boulders up to several meters across being deposited near the mountains during flash floods.

PALEONTOLOGICAL SETTING

During the Pleistocene Epoch (~2.6 million – ~11, 000 years ago), the ocean continued to recede (and/or the land to rise), coastal California changed from shallow marine to terrestrial. The developing terrestrial landscape had a climate that was moister than the present, with free flowing streams and relatively abundant standing water. Numerous water sources provided various opportunities for fossilization, providing a fairly complete view of Pleistocene life. An increase in water also allowed vegetation to flourish, which would have resembled the flora found today near Monterey, California. Pleistocene megafauna present in the region included ground sloth, mammoth, mastodon, horse, camel, bison, pronghorn, peccary, wolf, and saber-toothed cat. Small animals were abundant and included most of the species found in the same areas today.

ENVIRONMENTAL SETTING

Located in Los Angeles County, the Project Area is a half-mile east of the Rio Hondo River and 2.5 miles west of the San Gabriel River. The Pacific Ocean is about 24.5 miles to the west of the Project. Today's Mediterranean-like climate in southern California is characterized by warm, dry summers and cool, moist winters, with rainfall predominantly falling between November and May. Mild breezes reach the area from the Pacific Ocean.

Prior to development, the native vegetation of the Project Area consisted of California coastal sage scrub mixed with the riparian species of the San Gabriel River. Characteristic species of the California coastal sage scrub include California sagebrush (*Artemisia californica*), coyote brush (*Baccharis pilularis* var. *consanguinea*), California buckwheat (*Eriogonum fasciculatum*), lemonade berry (*Rhus integrifolia*), poison oak (*Toxicodendron diversiloba*), purple sage (*Salvia leucophylla*), and black sage (*Salvia mellifera*; Ornduff et al. 2003). Additional common species include brittlebush (*Encelia californica*), chamise (*Adenostoma fasciculatum*), white sage (*Salvia apiana*), Our Lord's candle (*Hesperoyucca whipplei*), and prickly pear cactus (*Opuntia*; Hall 2007). Where more water was available, riparian zone plants were characterized by more trees than the drier coastal sage scrub. These included willows (*Salix lasiolepis, Salix lucida*), Fremont's cottonwood (*Populus fremontii*), Western sycamore (*Platanus racemosa*), white alder *(Alnus rhombifolia*), big-leaf maple (*Acer macrophyllum*), coast live oak (*Quercus agrifolia*), and California bay laurel (*Umbellularia californica*). Ground cover includes sedges (*Carex* spp.), rushes (*Juncus* spp.), bunchgrasses (*Festuca californica*, *Melica californica*), berries (*Rubus* spp.), and monkeyflowers (*Mimulus* spp.; Ornduff et al. 2003).

Large native land mammals of the region included mule deer (*Odocoileus hemionus*), bighorn sheep ([1]‡*Ovis canadensis*), tule elk (‡*Cervus canadensis nannodes*), pronghorn (‡*Antilocapra americana*), bison (‡*Bison bison*), bobcat (‡*Lynx rufus*), mountain lion (‡*Felis concolor*), jaguar (‡*Panthera onca*), coyote (*Canis latrans*), grey wolf (‡*Canis lupus*), black and grizzly bears (‡*Ursus americana,* ‡*Ursus arctos*; California Department of Fish and Game 2020). Smaller native fauna included rabbits (‡*Lepus californicus, Sylvilagus audubonii*, ‡*Sylvilagus bachmani*), desert tortoise (‡*Gopherus agassizii*), and numerous other species.

Today, after approximately a century of urban and suburban development, the vegetation of the area is instead typified by imported species. Grasses such as slender wild oat (*Avena barbata*), ripgut brome (*Bromus diandrus*), and giant reed (*Arundo donax*); shrubs and trees including blackwood acacia (*Acacia melanoxylon*), saltcedar (*Tamarix ramosissima*), eucalyptus (*Eucalyptus* spp.), and Brazilian pepper (*Schinus terebinthifolius*) are common (Cal-IPC 2006). In recent history, urban development has driven most animals from the area, although mule deer, bobcat, and coyotes still occur in the surrounding hills.

PREHISTORIC SETTING

Approaches to prehistoric frameworks have changed over the past half century from being based on material attributes to radiocarbon chronologies to association with cultural traditions. Archaeologists defined a material complex consisting of an abundance of milling stones (for grinding food items) with few projectile points or vertebrate faunal remains dating from about 7 to 3 thousand years before the present as the “Millingstone Horizon” (Wallace 1955). Later, the “Millingstone Horizon” was redefined as a cultural tradition named the Encinitas Tradition (Warren 1968) with various regional expressions including Topanga and La Jolla. Use by archaeologists varied as some adopted a generalized Encinitas Tradition without regional variations, some continued to use “Millingstone Horizon” and some used Middle Holocene (the time period) to indicate this observed pattern (Sutton and Gardner 2010:1-2).

Recently, it was recognized that generalized terminology is suppressing the identification of cultural, spatial, and temporal variation and the movement of peoples throughout space and time. These factors are critical to understanding adaptation and change (Sutton and Gardner 2010:1-2). The Encinitas Tradition characteristics are abundant metates and manos, crudely made core and flake tools, bone tools, shell ornaments, very few projectile points with subsistence focusing on collecting (plants, shellfish, etc.; Sutton and Gardner 2010:7). Faunal remains vary by location but include shellfish, land animals, marine mammals, and fish.

[1] ‡ - Indicates that the species has been extirpated from Southern California.

The Encinitas Tradition is currently redefined as comprising four geographical patterns (Sutton and Gardner 2010:8-25). These are (1) Topanga in coastal Los Angeles and Orange counties, (2) La Jolla in coastal San Diego County, (3) Greven Knoll in inland San Bernardino, Riverside, Orange, and Los Angeles counties, and (4) Pauma in inland San Diego County.

About 3,500 years before present the Encinitas Tradition was replaced in the greater Los Angeles Basin by the Del Rey Tradition (Sutton 2010). This tradition has been generally assigned to the Intermediate and Late Prehistoric periods. The changes that initiated the beginning of the Intermediate Period include new settlement patterns, economic foci, and artifact types that coincided with the arrival of a biologically distinctive population. The Intermediate and Late Prehistoric periods have not been well-defined. Many archaeologists have proposed, however, that the beginning of the Intermediate marked the arrival of Takic-speaking groups (from the Mojave Desert, southern Sierra Nevada, and San Joaquin Valley) and that the Late Prehistoric Period reflected Shoshonean groups (from the Great Basin). Related cultural and biological changes occurred on the southern Channel Islands about 300 years later.

As defined by Sutton (2010), the Del Rey Tradition replaces usage of the Intermediate and Late Prehistoric designations for both the southern California mainland and the southern Channel Islands. Within the Del Rey Tradition are two regional patterns named Angeles and Island. The Del Rey Tradition represents the arrival, divergence, and development of the Gabrielino in southern California.

PREHISTORIC CHRONOLOGY

The latest cultural revisions for the Project Area define traits for time phases of the Topanga pattern of the Encinitas Tradition applicable to coastal Los Angeles and Orange counties (Sutton and Gardner 2010; Table 1). This pattern is replaced in the Project Area by the Angeles pattern of the Del Rey Tradition later in time (Sutton 2010).

Table 1. Cultural Patterns and Phases

Phase	Dates BP	Material Culture	Other Traits
Topanga I	8,500 to 5,000	Abundant manos and metates, many core tools and scrapers, few but large points, charmstones, cogged stones, early discoidals, faunal remains rare	Shellfish and hunting important, secondary burials under metate cairns (some with long bones only), some extended inhumations, no cremations
Topanga II	5,000 to 3,500	Abundant but decreasing manos and metates, adoption of mortars and pestles, smaller points, cogged stones, late discoidals, fewer scraper planes and core tools, some stone balls and charmstones	Shellfish important, addition of acorns, reburial of long bones only, addition of flexed inhumations (some beneath metate cairns), cremations rare

Phase	Dates BP	Material Culture	Other Traits
Topanga III	3,500 to 1,000	Abundant but decreasing manos and metates, increasing use of mortars and pestles, wider variety of small projectile points, stone-lined ovens	Hunting and gathering important, flexed inhumations (some under rock cairns), cremations rare, possible subsistence focus on yucca/agave
Angeles IV	1,000 to 800	Cottonwood arrow points for arrows appear, *Olivella* cupped beads and *Mytilus* shell disks appear, some imported pottery appears, possible appearance of ceramic pipes	Changes in settlement pattern to fewer but larger permanent villages, flexed primary inhumations, cremations uncommon
Angeles V	800 to 450	Artifact abundance and size increases, steatite trade from islands increases, larger and more elaborate effigies	Development of mainland dialect of Gabrielino, settlement in open grasslands, exploitation of marine resources declined and use of small seeds increased, flexed primary inhumations, cremations uncommon
Angeles VI	450 to 150	Addition of locally made pottery, metal needle-drilled *Olivella* beads, addition of Euro-American material culture (glass beads and metal tools)	Use of domesticated animals, flexed primary inhumations continue, some cremations

Topanga Pattern groups were relatively small and highly mobile. Sites known are temporary campsites, not villages, and tend to be along the coast in wetlands, bays, coastal plains, near-coastal valleys, marine terraces, and mountains. The Topanga toolkit is dominated by manos and metates with projectile points scarce (Sutton and Gardner 2010:9).

In Topanga Phase I other typical characteristics were a few mortars and pestles, abundant core tools (scraper planes, choppers, and hammerstones), relatively few large, leaf-shaped projectile points, cogged stones, and early discoidals. Secondary inhumation under cairns was the common mortuary practice. In Orange County, as many as 600 flexed burials were present at one site and dated 6,435 radiocarbon years before present (Sutton and Gardner 2010:9, 13).

In Topanga Phase II, flexed burials and secondary burial under cairns continued. Adoption of the mortar and pestle is a marker of this phase. Other typical artifacts include manos, metates, scrapers, core tools, discoidals, charmstones, cogged stones, and an increase in the number of projectile points. In Orange County, stabilization of sea level during this time period resulted in increased use of estuary, near shore, and local terrestrial food sources (Sutton and Gardner 2010:14-16).

In Topanga Phase III, there was continuing abundance of metates, manos, and core tools plus increasing amounts of mortars and pestles. More numerous and varied types of projectile points are observed along with the introduction of stone-line earthen ovens. Cooking features such as these were possibly used to bake yucca or agave. Both flexed and extended burials are known (Sutton and Gardner 2010:17).

The Angeles pattern generally is restricted to the mainland and appears to have been less technologically conservative and more ecologically diverse, with a largely terrestrial focus and greater emphases on hunting and nearshore fishing (Sutton 2010).

The Angeles IV phase is marked by new material items including Cottonwood points for arrows, *Olivella* cupped beads, *Mytilus* shell disks, birdstones (zoomorphic effigies with magico-religious properties), and trade items from the Southwest including pottery. It appears that populations increased and that there was a change in the settlement pattern to fewer, but larger, permanent villages. Presence and utility of steatite vessels may have impeded the diffusion of pottery into the Los Angeles Basin. The settlement pattern altered to one of fewer and larger permanent villages. Smaller special-purpose sites continued to be used (Sutton 2010).

Angeles V components contain more and larger steatite artifacts, including larger vessels, more elaborate effigies, and comals. Settlement locations shifted from woodland to open grasslands. The exploitation of marine resources seems to have declined and use of small seeds increased. Many Gabrielino inhumations contained grave goods while cremations did not (Sutton 2010).

The Angeles VI phase reflects the ethnographic mainland Gabrielino of the post-contact period (i.e., after A.D. 1542; Sutton 2010). One of the first changes in Gabrielino culture after contact was undoubtedly population loss due to disease, coupled with resulting social and political disruption. Angeles VI material culture is essentially Angeles V augmented by a number of Euro-American tools and materials, including glass beads and metal tools such as knives and needles (used in bead manufacture). The frequency of Euro-American material culture increased through time until it constituted the vast majority of materials used. Locally produced brownware pottery appears along with metal needle-drilled Olivella disk beads.

The ethnographic mainland Gabrielino subsistence system was based primarily on terrestrial hunting and gathering, although nearshore fish and shellfish played important roles. Sea mammals, especially whales (likely from beached carcasses), were prized. In addition, a number of European plant and animal domesticates were obtained and exploited. Ethnographically, the mainland Gabrielino practiced interment and some cremation.

ETHNOGRAPHY

The Gabrielino speak a language that is part of the Takic language family. Their territory encompassed a vast area stretching from Topanga Canyon in the northwest, to the base of Mount Wilson in the north, to San Bernardino in the east, Aliso Creek in the southeast and the Southern Channel Islands, in all an area of more than 2,500 square miles (Bean and Smith 1978; McCawley 1996; Figure 4). At European contact, the tribe consisted of more than 5,000 people

living in various settlements throughout the area. Some of the villages could be quite large, housing up to 150 people.

The Gabrielino are considered to have been one of the wealthiest tribes and to have greatly influenced tribes they traded with (Kroeber 1976:621). Houses were domed, circular structures thatched with tule or similar materials (Bean and Smith 1978:542). The best-known artifacts were made of steatite and were highly prized. Many common everyday items were decorated with inlaid shell or carvings reflecting an elaborately developed artisanship (Bean and Smith 1978:542).

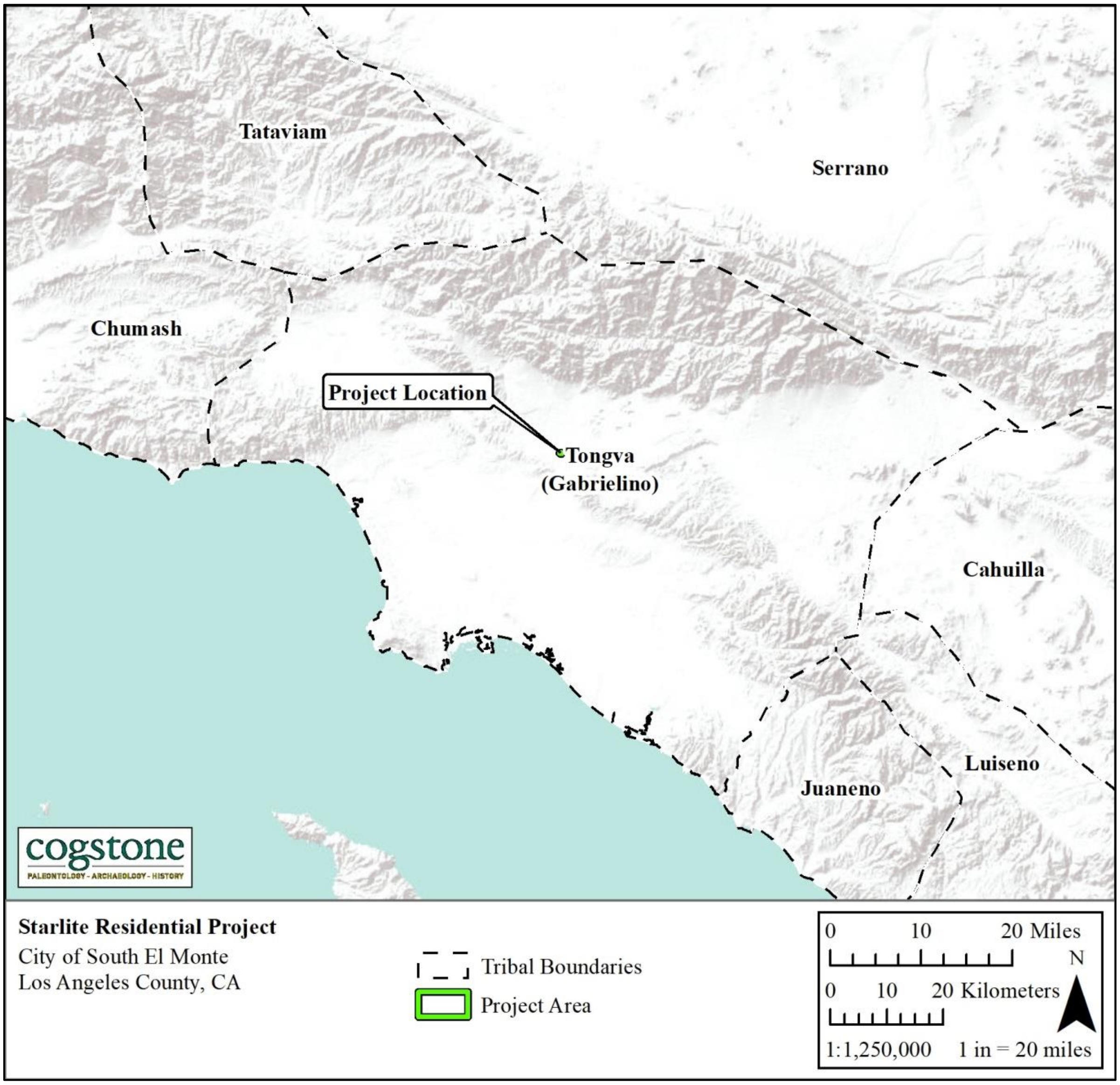


Figure 4. Tribal Boundary Map

The main food zones utilized were marine, woodland, and grassland (Bean and Smith 1978). Plant foods were, by far, the greatest part of the traditional diet at contact. Acorns were the most important single food source. Villages were located near water sources necessary for the leaching of acorns, which was a daily occurrence. Grass seeds were the next most abundant plant food used along with chia. Seeds were parched, ground, and cooked as mush in various combinations according to taste and availability. Greens and fruits were eaten raw or cooked or sometimes dried for storage. Bulbs, roots, and tubers were dug in the spring and summer and usually eaten fresh. Mushrooms and tree fungus were prized as delicacies. Various teas were made from flowers, fruits, stems, and roots for medicinal cures as well as beverages (Bean and Smith 1978:538-540).

The principal game animals were deer, rabbit, jackrabbit, woodrat, mice, ground squirrels, antelope, quail, dove, ducks, and other birds. Most predators were avoided as food, as were tree squirrels and most reptiles. Trout and other fish were caught in the streams, while salmon were available when they ran in the larger creeks. Marine foods were extensively utilized. Sea mammals, fish, and crustaceans were hunted and gathered from both the shoreline and the open ocean, using reed and dugout canoes. Shellfish were the most common resource, including abalone, turbans, mussels, clams, scallops, bubble shells, and others (Bean and Smith 1978:538-540).

HISTORIC SETTING

EARLY CALIFORNIA HISTORY

Juan Cabrillo was the first European to sail along the coast of California in 1542 and was followed in 1602 by Sebastian Vizcaino. Between 1769 and 1821 the Spanish had colonized California and established missions, presidios and pueblos (Bean and Rawls 1993).

In 1821, Mexico won its independence from Spain and worked to lessen the wealth and power held by the missions. The Secularization Act was passed in 1833, giving the vast mission lands to the Mexican governor and downgrading the missions' status to that of parish churches. The governor then redistributed the former mission lands in the form of grants, to private owners. Ranchos in California numbered over 500 by 1846, all but approximately 30 of which resulted from land grants (Bean and Rawls 1993). The Project Area is within the Ranch Potrero Grande land grant (Figure 5) that was given in 1845 by Governor Pio Pico to Manuel Antonio. Juan Matias Sanchez bought the Rancho from Manuel Antonio. Sanchez also owned the adjacent Rancho La Merced.

The Mexican-American war followed on the heels of the Bear Flag Revolt of June 1846 (Ohles 1997). General Andrés Pico and John C. Frémont signed the Articles of Capitulation in December 1847, and with the signing of the Treaty of Guadalupe Hidalgo in February 1848, hostilities ended and Mexico relinquished California to the United States. Under the treaty,

Mexico ceded the lands of present-day California, New Mexico and Texas to the U.S. for $15 million (Fogelson 1993:10). Within two years following the treaty, California applied for admission as a state.

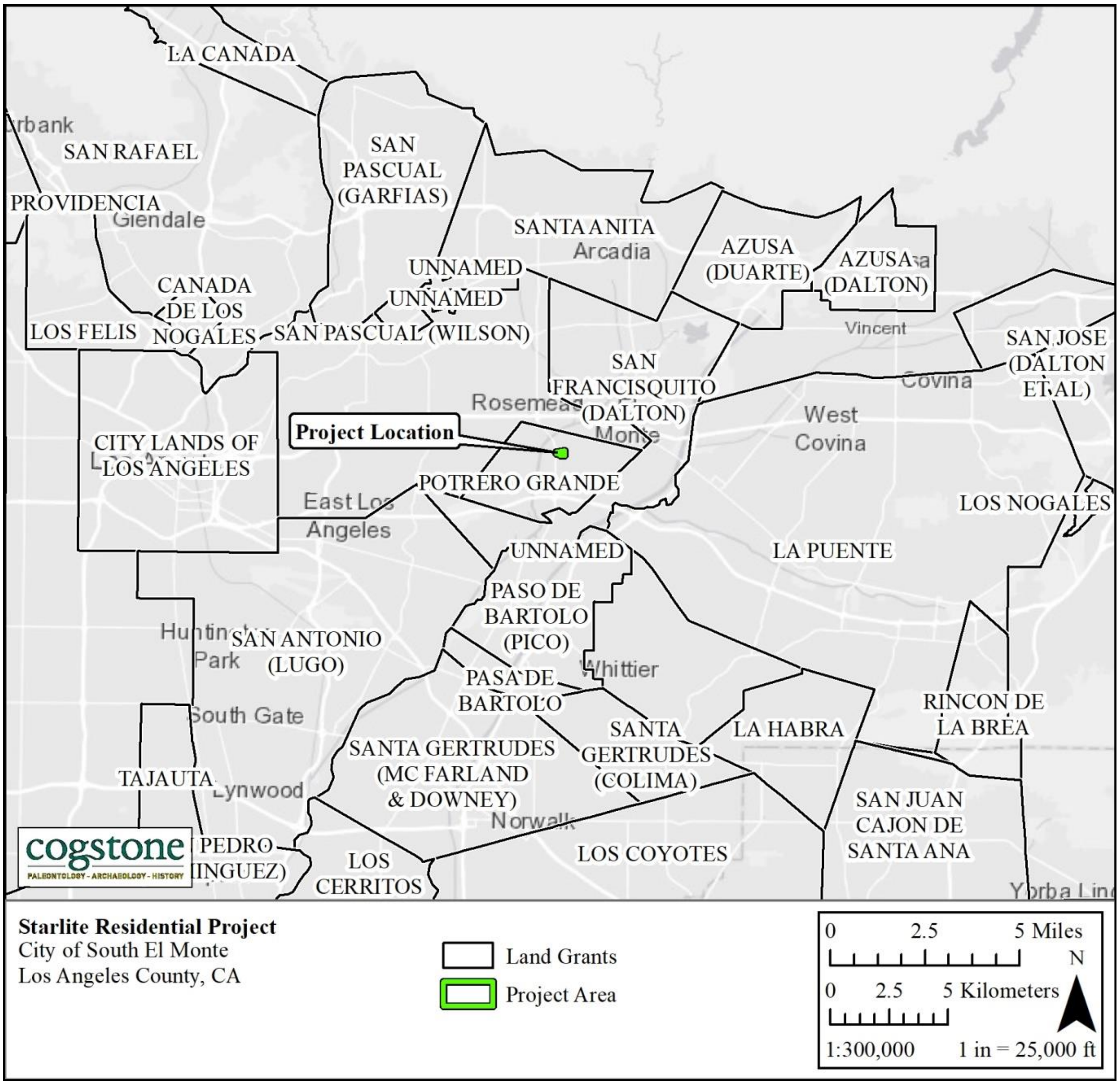


Figure 5. Land Grant Map

South El Monte

Prior to Mexican-American War in 1849 and the arrival of Anglo-American settlers, much of what is now the City of South El Monte was owned by wealthy Californios. After the end of the war and the signing of the Treaty of Guadalupe Hidalgo, the old land grants issued during the Spanish and Mexican eras were disregarded by the U.S. Government. American pioneers quickly moved in to stake their claim, among the most notorious were "the Monte Boys," a vigilante group infamous for committing acts of arson and lynching.

Most of the population and labor force in El Monte during the 20th century was comprised of people of Mexican, Japanese, and Chinese descent (Greenspon 2020). Settlement in El Monte was largely segregated with the Hispanic population restricted to renting barrios on the outskirts of town. From 1930 to 1970, the population of El Monte experienced a considerable increase from 3,479 to 69,892 (Guzman et al. 2020). During the mid-20th century, residents of South El Monte desired to join the City of El Monte, but their attempts were rejected as the land was not considered a worthwhile addition to the City. As a result, South El Monte incorporated as an official city within Los Angeles County on July 30, 1958.

In 1975, South El Monte received the "All American City" award for its civic efforts in community improvement. Shortly after receiving this award, the City was referred to as "The City of Achievement," a slogan which appears on South El Monte's official city seal. At present, the 2.8 square miles of the City is comprised of 30 percent residential areas with the remaining 70 percent occupied by industrial and manufacturing facilities. Per the 2019 U.S. Census Bureau, the population of South El Monte isapproximately 20,574, with an 84 percent Hispanic community (El Monte in Time 2020).

PROJECT AREA HISTORY

The earliest available United States Department of Agriculture (USDA) historic aerial photograph dates to 1948 and shows building development and landscaping within the Project Area. The Starlight Drive-In theater opened in South El Monte on June 14, 1950. Key physical features of the Starlite Drive-In theater were the Art Modern/Googie-style theater sign (still extant), large parking area, concessions building (demolished February/March 2021), and concrete projection screen (demolished 1997). By 1951, operation of the facility was taken over by Pacific Theaters. Beginning in the 1950s, when not in use as a theater, the Starlite parking lot hosted the local swap meet, now known as the Starlite Swap Meet (Guzman et al. 2020). The original screen was demolished in 1997 and since then the grounds are used exclusively for swap meets.

The earliest known depiction of the single family residence at 2550 Chico Avenue (the northeast corner of the Project Area) is in a 1948 USDA historic aerial photograph (NETROnline 1948). The existing residence appears to be in its current condition with two ancillary buildings south of the residence. By 1952, one of the large ancillary buildings immediately south of the residence is demolished (FrameFinder 1952). In 1958, it appears the large wood-frame shelter immediately west of the resident is present (FrameFinder 1958). The two remaining ancillary buildings from the previous 1949 aerial photograph are demolished by this time as well. By 1968, the previous wood shelter at the west elevation of the residence is replaced by the current (larger) wood framed structure. By 1968, the tall wood fence of the adjacent Starlite Drive-In theater is erected at the west and southern boundaries of the residence. There appears to be no notable changes to the residence or the property boundary with the exception of the large trees at the eastern

boundary of the property (trees are first visible in 2005; (NETROnline 2005)). There is a small shed located southwest of the residence; however, the age of this shed or when it first appeared on the property is not known.

The earliest known depiction of the single story commercial building located at 2550 Chico Avenue (the southeast corner of the Project Area) in a 1952 USDA historic aerial photograph (NETROnline 1952). The building is shown with a flat roof and square footprint. Throughout the 1950s, 1960s, and into the early 1970s aerials show multiple addition to the exterior of the building altering its original footprint from square to irregular (NETROnline 1953, 1964, and 1972). By 1972, the building received its final exterior addition and the overall shape of the building remained unaltered until 2021 (Google Maps 2021).

DRIVE-IN MOVIE THEATERS

The drive-in movie theater is an iconic symbol of 20th century American culture. Described as part movie theater and part theme park, the drive-in melded America's growing car culture with their love of cinema. The origin of the first drive-in theater in the United States can be traced back to chemical company tycoon Richard M. Hollingshead Jr. in the early 1930s. At the time of the Great Depression, Hollingshead deduced that the automobile and the movies were considered essentials to the American people. After much experimentation, he found it possible to broadcast movie audio from speakers while projecting a movie from a 16-millimeter projector onto a sheet spread between two trees in his yard (Skrdla 2014).

On August 6, 1932, Hollingshead filed a patent (No. 1,909,537) for a drive-in theater (Figures 6 and 7). On June 6, 1933, he opened the first drive-in on Crescent Boulevard in Camden, New Jersey. Key features of the drive-in included a large parking area, concession stand, large outdoor movie screen, and a projection booth. However, despite his patent, it was relatively simple for others to replicate and open their own drive-ins although initial progress was slow. For the first few years, the development of additional theaters was sluggish due to the Depression-era economy and the issues of fine tuning the technology to improve the quality of projection and audio performance (Skrdla 2014).

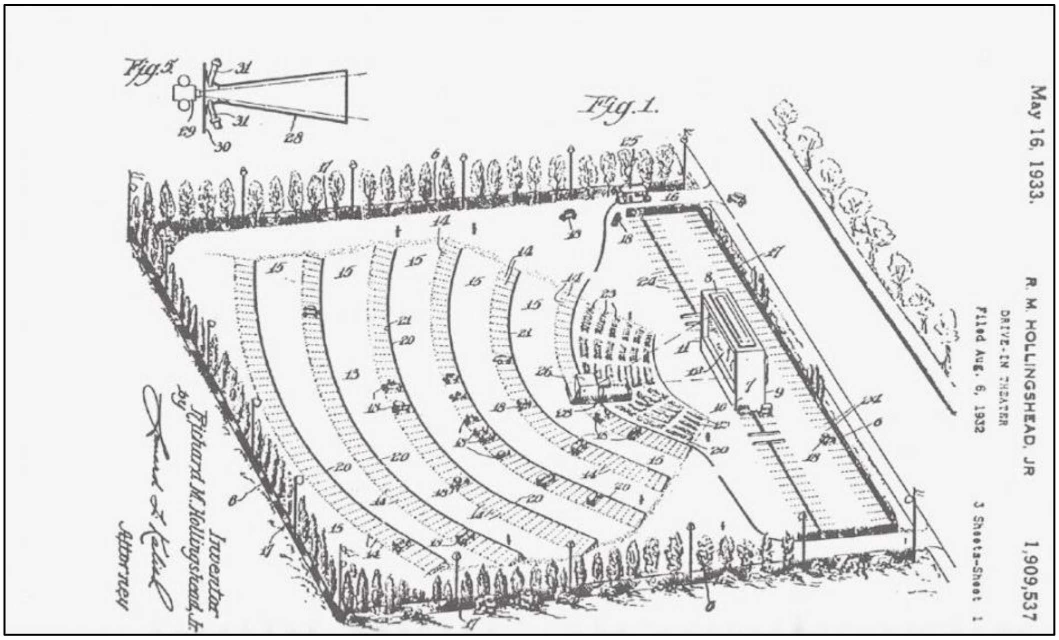


Figure 6. Hollingshead's Drive-In patent (Skrdla 2014)

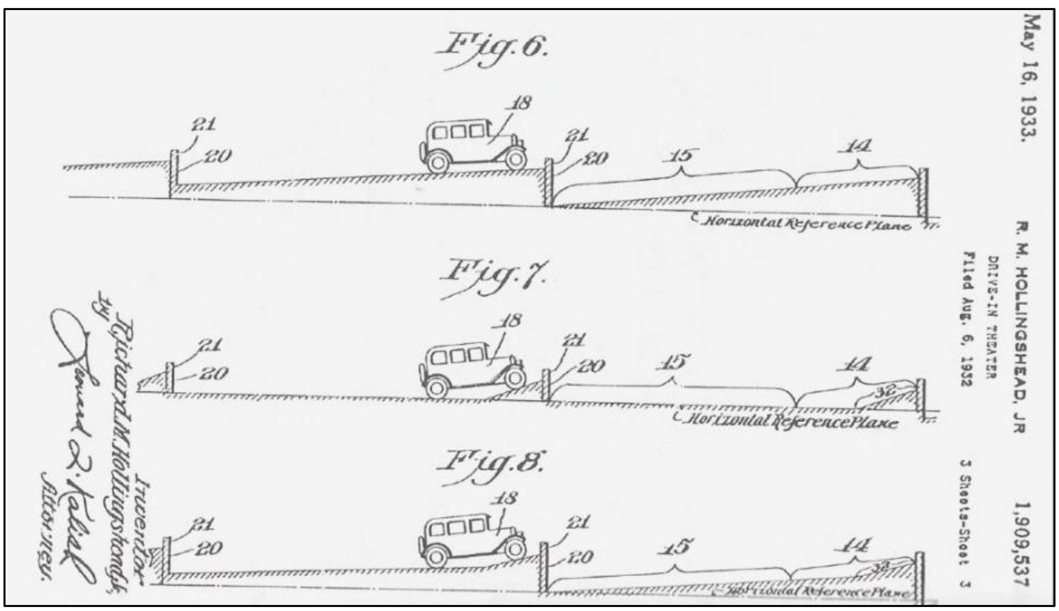


Figure 7. Hollingshead's ramp design (Skrdla 2014)

Upon the outbreak of World War II, drive-in construction came to a halt and did not restart until after 1945. During the postwar-era and the baby boom, the number of drive-ins tripled from 100 locations pre-war to 300 by 1947. By 1950, the number reached 1,700 and climb to its peak (within the United States) to 3,700 locations by 1958 (Skrdla 2014).

To increase profits, drive-in owners endeavored to keep customers and their families on the property for as long as possible to encourage purchases at the concessions stand. Such attractions included playgrounds, petting zoos, picnic areas, etc. Mobile concessions carts travelled the lot offering food and beverages. Prior to dusk, activities such as beauty contests, dance competitions, and car rallies were also held.

The 1950s and 1960s marked the height of drive-in popularity. The popularity of drive-ins was such that the film industry at the time evolved to produce films specifically tailored to outdoor viewing venues (such as *The Blob* 1958 and *Night of the Living Dead* 1968). However, with the growing popularity of home television and increasing gas prices, attendance experienced a substantial decline during the 1970s (Skrdla 2014).

THE STARLITE DRIVE-IN THEATER

The Starlite Drive-In theater was designed by J. Arthur Drielsma and was originally operated by brothers Ford and Carl Bratcher and Byron Congdon (Boxoffice 1950). By 1951, operation of the facility was taken over by Pacific Theaters. According to the 1951 Boxoffice article "Merchandising the Drive-In," the marquee at the Starlite Drive-In theater was installed by the Los Angeles office of B. F. Shearer; the sign letters are associated with the Wagner brand (this brand is still manufactured today). The sign was described as a "dramatic arrangement" complete with "flashing stars" (Boxoffice 1951; Figures 8 to 11). Despite the closure of the drive-in's original location, the Starlite Drive-In theater company still exists as of March 2021 as a traveling pop-up theater complete with a large inflatable screen, projector, and high grade FM transmitter (Maloney-Rames 2020).



Figure 8. 1951 Starlite Drive-In theater sign (Boxoffice 1951)



Figure 9. Nearly completed Starlite Drive-In theater sign, ca. 1949 (Courtesy of Vintage Roadside)

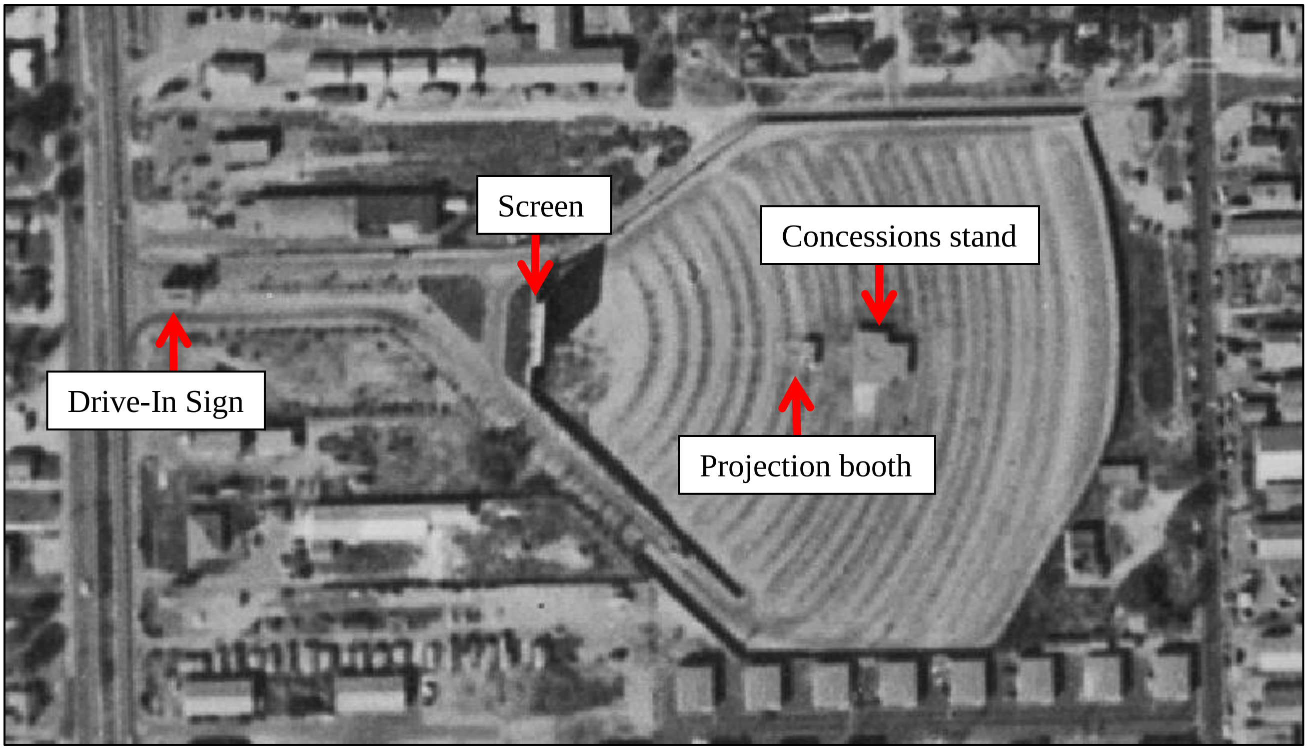


Figure 10. Aerial photograph of Starlite Drive-In theater, November 3, 1952 (FrameFinder 1952)

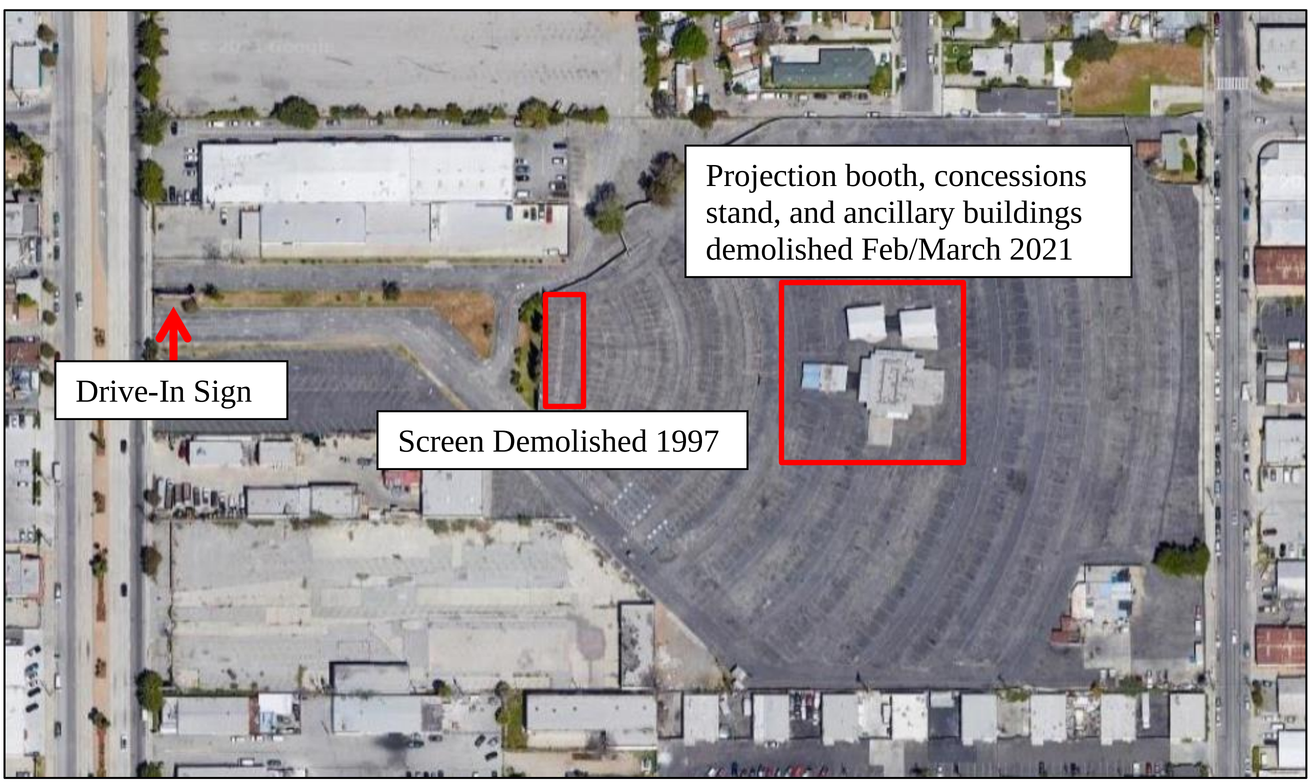


Figure 11. Aerial photograph of Starlite Drive-In Theater, ca. 2020 (Google maps 2021)

J. ARTHUR DRIELSMA

(March 1, 1902-April 15, 1981; Figure 12)

Mr. Drielsma graduated from the University of Illinois with a Bachelor's of Science in 1923 and also attended the Fontainbebleau School of Fine Arts, Fontainbebleau, France that same year. He worked as a draftsman for Schmidt, Garden & Erickson from 1924 to 1925, Ralph C. Harris in 1926, and B. Leo Steif and Company in 1927, having married Pauline Steif in March 1926 (Family Search 2021). Later he was a named partner with Sobel & Drielsma until 1946 when he founded the firm that bore his name solo, J. Arthur Drielsma. The 1955 American Architects Directory notes that Mr. Drielsma was a listed member of the American Institute of Architects (AIA), Pasadena Chapter. The majority of Mr. Drielsma's body of work includes commercial and light industrial buildings such as:

- Fiesta Four Drive-In (1949)
- Magnolia Drive-In (1950)
- Starlite Drive-In theater (1950)
- South Lamont Drive-In (1950)
- Sunland Drive-In (1950)
- Big Sky Drive-In Theater (1951)
- Whittier Drive-In Theater, (1952)
- Citizens National Bank, (1953)
- L.A. Mirada Drive-In Theater, (1954)
- Edwards San Gabriel Drive-In Theater, & Roger Young Auditorium Rest, (1955)
- San Gabriel Drive-In (1955)
- Sky View Drive-In (1955)
- Smith's Ranch Drive-In/Clemon's Drive-In (1956)
- Lancaster Drive-In (1956)
- Kailua Drive-In (1965)

Including the Starlite Drive-In theater, Mr. Drielsma is responsible for the design of at least 14 drive-in movie theaters, the majority located in the State of California. Only the Starlite-Drive in (South El Monte, CA) and the Smith's Ranch Drive-In/Clemon's Drive-In (Twentynine Palms, CA) are known to remain. While the original Starlite Drive-In theater closed in the late 1990s, the Smith Ranch Drive-In remains in operation as a drive-in theater (Koyl 1955; *Cinema Treasures* n.d.).



Figure 12. Pauline Drielsma (left), Jonas Arthur Drielsma (right); date unknown (Geni 2021)

RECORDS SEARCHES

PALEONTOLOGICAL RECORD SEARCH

A record search of the Project was obtained from the Natural History Museum of Los Angeles County (LACM; Bell 2021; Appendix B). Additional records from the University of California Museum of Paleontology database (UCMP 2021), the PaleoBiology Database (PBDB 2021), in published literature (Jefferson 1991a, 1991b), and in previous record searches from the Natural History Museum of Los Angeles County, were also consulted.

No recorded paleontological localities producing vertebrate fossils were found within the Project Area or within a 1-mile radius of the Project Area. However, the museum does record localities near to the Project Area from the same or similar sedimentary deposits (Table 2). The closest locality the museum has recorded is approximately 5.5 miles west of the Project, which produced a fossil of extinct horse (*Equus* sp.) at an unknown depth below the surface. The most notable vertebrate fossil localities for which the museum retains records are recorded from between 8.75 and 8.8 miles southwest of the Project Area from Lincoln Park and Montecito Heights. Extinct animals from these sites include Harlan's ground sloth (†[2]*Paramylodon harlani*), saber-toothed cat (†*Smilodon fatalis*), Pacific mastodon (†*Mammut pacificus* [was *M. americanum*; Dooley et al. 2019]), mammoth (†*Mammuthus* sp.), horse (†*Equus* sp.), camel (†*Camelops* sp.), and California turkey (†*Meleagris californica*).

Table 2. Known Pleistocene Fossils in the Vicinity of the Project Area
Extinct animals are noted by † although all fossils from deposits older than Pleistocene are likely from extinct species.

Common Name	Taxon	Depth below original surface	Formation at surface	Locality	Location	Reference
horse	†*Equus* sp.	unknown	Holocene or late Pleistocene alluvium	LACM VP 3363	West of Monterey Pass Road in Coyote Pass; east of the Long Beach Freeway and south of the north boundary of Section 32; East Los Angeles; 5.5 miles west of current project	Bell 2021
sea snail	*Turritella sp.*	unknown	middle to late Pleistocene old alluvial fan (Qof)	LACMIP 20258	Brickyard, S. Ferris Ave., Belvedere Gardens; ~6 miles southwest of project	Bell 2021
moon snail	Naticidae					

[2] †- indicates that the species is extinct

Common Name	Taxon	Depth below original surface	Formation at surface	Locality	Location	Reference
three-spine stickleback	*Gasterosteus aculeatus*	11 to 34 feet	young alluvium (Qya2)	LACM 7701, 7702	Bell Gardens: near the intersection of Atlantic Ave. and I-710 north of the Los Angeles River; ~7.75 miles southwest of current project	Bell 2021
salamander	*Batrachoseps* sp.					
lizard	Lacertilia					
constrictor snake	Colubridae					
rabbit	*Sylvilagus* sp.					
pocket mouse	*Microtus* sp.					
harvest mouse	*Reithrodontomys* sp.					
pocket gopher	*Thomomys* sp.					
California turkey	†*Meleagris californica*	unknown	Pleistocene older alluvial fan (Qof4)	LACM 1023	near the intersection of Workman St. or Alhambra Ave., Montecito Heights; 8.75 miles west of current project	Jefferson 1991a, 1991b; McLeod 2018
sabertoothed cat	†*Smilodon fatalis*					
horse	†*Equus sp.*					
deer	*Odocoileus* sp.					
western pond turtle	*Actinemys marmorata*	20-35 feet	Pleistocene older alluvial fan (Qof$_4$)	LACM 2032	near the intersection of Mission Rd. or Daly St., Lincoln Park; 8.8 miles west of current project	Jefferson 1991a, 1991b; McLeod 2017
Harlan's ground sloth	†*Paramylodon harlani*					
Pacific mastodon	† *Mammut pacificus* [was *M. americanum*; Dooley et al. 2019]					
mammoth	†*Mammuthus* sp.					
horse	†*Equus* sp.					
camel	†*Camelops* sp.					
horse	†*Equus sp.*	2 feet	La Habra Formation (Pleistocene)	LACM 3347	11204 Bluefield; Whittier; ~9.5 miles southeast of current project	Bell 2021
horse	†*Equus sp.*	43 feet	Pleistocene younger alluvial fan (Qyf2)	LACM 1755	near the intersection of Hill St. or 12th St., Los Angeles (Fashion District); 11.5 miles southwest of current project	McLeod 2018

CALIFORNIA HISTORIC RESOURCES INFORMATION SYSTEM

Cogstone requested a search of the California Historic Resources Information System (CHRIS) from the South Central Coastal Information Center (SCCIC) on February 12, 2021 that included the entire proposed Project Area as well as a half-mile radius. The SCCIC completed the request on March 17, 2021. Results of the record search indicate that seventeen previous studies have been completed within a half-mile of the proposed Project Area (Table 3). There are no previous studies within the Project Area.

Table 3. Previous Cultural Resource Studies within One-Half Mile of the Project Area

Report No. (LA-)	Author(s)	Report Title	Year	Distance from Project Area (miles)	USGS 7.5'Maps
00358	Stickel, Gary E.	An Archaeological and Paleontological Resource Survey of the Los Angeles River, Rio Hondo River and the Whittier Narrows Flood Control Basin, Los Angeles, California	1976	0-0.5	El Monte, South Gate
02237	Sundberg, Frederick A. and Nancy A. Whitney-Desautels	Cultural and Paleontological Resource Assessment of Nine Lanning Areas Within the Whittier Narrows Flood Control Area Los Angeles County, California	1991	0-0.5	El Monte
03613	McKenna, Jeanette A. and Richard S. Shepard	A Phase I Cultural Resources Investigation for the Proposed Whittier Narrows Soccer Complex, Whittier Narrows Dam County Recreation Area, Los Angeles County, California	1996	0-0.5	El Monte
04659	Maxwell, Pamela	Records and Literature Survey for the Whittier Narrows Water Control Manual Project, Los Angeles County, California	1993	0-0.5	El Monte
05064	Duke, Curt	Cultural Resource Assessment for Pacific Bell Mobile Services Facility La 390-04, County of Los Angeles, CA	2000	0-0.5	El Monte
05455	Maxwell, Pamela	Cultural Resource Evaluation for Whittier Narrows Project Master Plan and Environmental Assessment, Los Angeles County, California	1994	0-0.5	El Monte
05456	McLean, Roderic	Archival Study and Archaeological Survey for the Whittier Narrows Water Reclamation Project (Golf Course Storage Lakes), Los Angeles County, California	1994	0-0.5	El Monte
06304	Mason, Roger D.	Cultural Resources Record Search and Literature Review Report for an American Tower Corporation Telecommunications Facility: Number La_802_n1 Burke Engineering in the City of South El Monte, Los Angeles County, California	2001	0-0.5	El Monte
08123	Billat, Lorna	New Tower ("nt") Submission Packet, FCC Form 620, 2446 N. Lee Avenue, La-2209a	2007	0-0.5	El Monte
08205	Bonner, Wayne H.	Cultural Resources Records Search and Site Visit Results for Cingular Wireless Candidate Sv-0028-01 (atc Colo-burke Engineering) 9708 Factorial Way, El Monte, Los Angeles County, California	2006	0-0.5	El Monte
08218	Hogan, Michael	Whittier Narrows Historic Properties Management Plan	1997	0-0.5	El Monte
08698	Bonner, Wayne H.	Cultural Resources Records Search and Site Visit Results for T-Mobile Candidate Ie24095e (Melendres Bldg.), 9117 Garvey Avenue, Rosemead, Los Angeles County, California	2006	0-0.5	El Monte

Report No. (LA-)	Author(s)	Report Title	Year	Distance from Project Area (miles)	USGS 7.5'Maps
10890	Krautkramer, Richard and David Wrobleski	A Class III Archaeological Investigation for the Monterey Park Treatment Facility, and Monitoring Well Construction Project, Los Angeles County, CA	2000	0-0.5	El Monte
12102	Tang, Tom and Michael Hogan	Historical/Archaeological Resources Survey Report San Gabriel Valley Water Company Plant 8 Improvement Project, 2655-2701 Loma Avenue, City of South El Monte, Los Angeles County, California	2013	0-0.5	El Monte
12788	Tang, Tom	Due-Diligence Historical/Archaeological Resources Study, Media Center Development Project City of El Monte, Los Angeles County, California	2014	0-0.5	El Monte
13008	Brunzell, David	Cultural Resources Assessment, Whittier Narrows Temporary Deviation Project, City of Montebello and Unincorporated Los Angeles County, California	2014	0-0.5	El Monte
13206	Roland, Jennifer	Phase I Investigation for the Crown Castle IE595 Melendres Building Antenna Installation Project, Rosemead, Los Angeles County, California	2016	0-0.5	El Monte

The records search also determined there are no previously recorded resources located within the Project boundaries. One historic resource, an overhead electrical transmission line, is located within a half-mile of the Project Area (Table 4).

Table 4. Cultural Resource Site within One-Half Mile of Project Area

Primary (P-19-)	Trinomial No. (CA-LAN-)	Resource Type	Resource Description	Year(s) Recorded	Distance from the Project Area (miles)	USGS 7.5' Map(s)
190502		Historic Resource	Engineering Structure; SCE Mesa-Anita-Eaton 66kV Transmission Line; OHP Property Number - 180872	2010	Approximately 0.28 miles west trending north/south	El Monte, Mt Wilson

OTHER CULTURAL SOURCES

In addition to the SCCIC records search, a variety of sources were consulted in February 2021 to obtain information regarding the cultural context of the Project Area (Table 5). Sources included the National Register of Historic Places (NRHP), the California Register of Historic Resources (CRHR), California Built Environment Resources Directory (BERD), California Historical Landmarks (CHL), and California Points of Historical Interest (CPHI). Specific information about the Project Area, obtained from historic-era maps and aerial photographs, is presented in the Project Area History section.

Table 5. Additional Sources Consulted

Source	Results
National Register of Historic Places (NRHP; 1979-2002 & supplements)	negative
Historic USGS Topographic Maps	The USGS earliest topographic map for the Project Area (PA) is the 1894 Los Angeles 15’ topographic map (1:62500; USGS) which shows no built environment within the PA. There are no visible changes within the PA between 1894 and 1923 according to the topographic maps. The 1926 El Monte 7.5’ topographic map (1:24000; USGS) shows no changes within the PA but shows a developed street grid with some building development just outside of the PA. The 1948 El Monte 7.5’ topographic map (1:24000; USGS) shows more residential development outside of the PA. The 1953 El Monte 7.5’ topographic map (1:24000; USGS) shows the Starlite Drive-In theater and one building (the concessions building) within the PA. The 1966 El Monte 7.5’ topographic map (1:24000; USGS) shows more building development within the PA. There is no change in development between 1966 and 1994 (El Monte 1:24,000; USGS) according to the topographic maps.

Source	Results
Historic US Department of Agriculture Aerial Photographs	The earliest USDA historic aerial photograph dates to 1948 (NETROnline) and shows building development and landscaping within the PA. The 1952 historic aerial photograph (NETROnline) shows the Starlite Drive-In theater within the PA. The 1953 historic aerial photograph (NETROnline) shows some building structure changes at the southeast end of the PA. Between 1953 (NETROnline) and 1964 (NETROnline) more buildings were developed within the PA. There are no visible changes between 1964 and 2004 (NETROnline) according to the historic aerial photographs. The PA appears largely unaltered between 2004 and 2016 (NETROnline) but cars and stall spaces are shown being used within the PA for the occasional swap meet.
California Register of Historical Resources (CRHR; 1992-2014)	negative
California Built Environment Resources Directory (BERD)	negative
California Historical Landmarks (CHL; 1995 & supplements to 2014)	negative
California Points of Historical Interest (CPHI; 1992 to 2014)	negative
Caltrans Historic Bridge Inventory (2016)	negative
Local historical societies and groups	See **Historical Society Request for Information and Appendix C**
Bureau of Land Management (BLM) General Land Office Records	Juan Matias Sanchez, 1859 (CACAA 084912; Spanish/Mexican Grant); T:1S, R:11W, S:19

HISTORICAL SOCIETY REQUEST FOR INFORMATION

A total of four historical societies were consulted for information regarding the Project. A summary of the consultation with each party is summarized below and located in Appendix C.

El Monte Historical Society: Three attempts were made to request information regarding the Project; one by USPS mail on February 18, 2021 and two by email on February 26, 2021 and March 16, 2021. No response has been received.

La Historia Historical Society: Three attempts were made to request information regarding the Project; one by mail on February 18, 2021 and two by email on February 25 and March 16, 2021. On March 19, 2021, an email response was received from Rosa Peña, president of the La Historia Historical Society. Ms. Peña stated that she did not have information regarding the Starlite Drive-In theater but would like to speak on the phone with Cogstone Architectural Historian, Ms. Lopez, regarding the Project. A meeting was set for Monday (March 22, 2021) afternoon via telephone.

At 12:30 pm on March 22, 2021, Ms. Lopez spoke via telephone with Ms. Peña. Ms. Peña expressed her support of the preservation of the Starlite Drive-In sign and offered that should the owner of the property have no interest in preserving the sign, the La Historia Historical Society is willing to take possession of the sign and house it offsite if necessary. Ms. Peña also offered to conduct additional background research regarding the single-family residence located at the northeast corner of the Project Area.

Los Angeles Conservancy: One initial attempt was made to request information from the conservancy by mail and email on February 18, 2021. Cogstone received acknowledgement of the request for information by Erik Van Breene on February 18, 2021 by email. Mr. Van Breen was notified of the recent demolition of key features of the Starlite Drive-In on March 2, 2021 and his opinion regarding the integrity of the property as a whole was requested. On March 3, 2021, Mr. Van Breene replied via email stating, "Even without the concession stand/projection booth I think the sign should be retained as a historic resource. For future projects dealing with theaters I'd recommend you reach out to the Los Angeles Historic Theater Foundation."

Los Angeles Historic Theatre Foundation: Per the request of Erik Van Breen on the Los Angeles Conservancy, attempts were made to contact the Los Angeles Historic Theatre Foundation to request their input regarding the Project. Three attempts were made via email on March 3 and March 16, 2021. No response has been received.

United Drive-In Theatre Owners Association (UDITOA)

On April 14, 2021, a request for information was sent to the United Drive-In Theatre Owners Association (UDITOA) regarding assistance for identifying the function of certain features of the Starlite Drive-In sign. On April 16, 2021, a reply was received via email from D. Edward Vogel, a Staff member of the association and owner of the Bengies Drive-In Theatre in Baltimore, MD. Mr. Vogel expressed his interest in assisting Cogstone and provided his personal email and phone number. On April 22, 2021, Ms. Lopez consulted with Mr. Vogel by phone. Mr. Vogel was provided with historic and modern photographs of the Starlite Drive-In theatre sign and was asked his opinion on what he believed what the purpose of the large tower at the back of the sign. Mr. Vogel stated with confidence that he believed the tower was original to the sign and was most likely used to house the different sized lettering and numbers which would be installed on the sign's changeable copy panel. The largest letters/ numbers would be stored at the top wall area of the interior of the tower, the medium sides letters in the middle, and the smaller letters at the bottom. The tower would have also housed ladders and a long pole with hook used to change out the sign letters.

Mr. Vogel also observed that at some point in time the signs original back-lit changeable copy panel was replaced with a front lit panel. The back-lit changeable copy panel (as seen in a ca.

1949 historic photograph of the sign) would have been made of glass and illuminated from the inside of the sign. Ms. Vogel stated that it was common for the glass panels to break and due to the financial cost of constantly replacing these materials it was common for drive-in owners to exchange the back-lit panels for front lit panels. Mr. Vogel pointed out the lighting equipment fixed above the changeable copy panel as a component of this change.

Mr. Vogel expressed his interest in the sign and his opinion that it should be saved from demolition and preserved.

NATIVE AMERICAN CONSULTATION

A Sacred Lands File (SLF) search requested from the Native American Heritage Commission (NAHC) on February 12, 2021 indicated that there are sacred lands or resources known within the Project Area (Appendix D). The NAHC recommended that eight representatives from local Native American tribal organizations be contacted for further information regarding the Project vicinity. The City of South El Monte is conducting tribal consultations to meet the requirements of Assembly Bill 52 and Senate Bill 18.

SURVEY

METHODS

The survey stage is important in a Project's environmental assessment phase to verify the exact location of each identified resource. All undeveloped ground surface areas within the Project Area were examined. Existing ground disturbances (e.g., cutbanks, ditches, animal burrows, etc.) were visually inspected. Photographs of the Project Area, including ground surface visibility and items of interest, were taken with a digital camera.

For paleontological resources, the purpose is to confirm that field observations conform to the geological maps of the Project Area. Sediments were assessed for their potential to contain fossils. Additionally, if there are known paleontological resources the survey will verify the exact location of those resources, the condition or integrity of each resource, and the proximity of the resource to the Project Area.

For archaeological resources, the purpose is to verify the exact location of each identified resource, the condition or integrity of the resource, and the proximity of the resource to areas of cultural resources sensitivity, if any. The surveyor searched for artifacts (e.g., flaked stone tools, tool-making debris, stone milling tools or fire-affected rock), soil discoloration that might indicate the presence of a cultural midden, soil depressions and features indicative of the former

presence of structures or buildings (e.g., postholes, foundations), or historic-era debris (e.g., metal, glass, ceramics).

RESULTS

Cogstone archaeologist and cross-trained paleontologist Sandy Duarte surveyed the Project Area on March 2, 2021. Due to the heavily developed Project Area, the pedestrian survey consisted of 10-meter wide transects. Ground visibility within the Project Area was very poor (less than 1 percent) due to hardscaping and landscaping (Figure 13). Where not landscaped, much of the area was covered in dry grass, weeds, bushes, eucalyptus trees, and California fan palm trees (Figure 14). The construction crew on site had excavated a pit measuring 40 feet in length by 20 feet wide by 15 feet deep (Figures 15 and 16). Two sediment strata were visible in the pit sidewalls. The upper (surface) stratum is approximately 2.5 to 3 feet of white to grey, silty to sandy, artificial fill material. This is underlain by reddish-brown silty sand with some gravels present that is consistent with the young alluvial fan deposits (unit 3) mapped by Campbell et al. (2014). No archaeological or paleontological resources were observed within the Project Area during the survey.



Figure 13. Southwest corner of Project Area, facing northeast



Figure 14. West end of Project Area, facing northwest



Figure 15. Excavated trench, facing north



Figure 16. Stratigraphy of north wall, facing north

Cogstone's Architectural Historian, Shannon Lopez, conducted a built environment survey of historic-aged resources within the Project Area on March 2, 2021. Haggai Mazler of KBHomes was onsite March 2, 2021 and informed Ms. Lopez and Mrs. Duarte that the Starlite Drive-In theater's concessions building, associated ancillary buildings, and one-story historic-age commercial building (2559 Chico Avenue) located on the southeast corner of the Project Area were recently demolished (approximately 1 to 2 weeks prior to Cogstone's field visit) and that a demolition permit had been obtained prior to the demolition. Cogstone photo-documented the demolished areas but little to no remains of the buildings were present. The demolished buildings are not documented or evaluated for their eligibility for listing in CRHR.

The remaining extant features of the Starlite Drive-In theater and the single-family residence at the northeast corner of the Project Area were surveyed and photo-documented.

STARLITE DRIVE-IN THEATER

The theater sign and main entrance/exit face west towards Rosemead Boulevard, with a secondary entrance/exit at the east end of the property at Chico Avenue. The drive-in is bound by Rosemead Boulevard to the west, Chico Avenue to the east, a residential and commercial area to the north, and a light industrial/commercial area to the south (Appendix E; E-1 to E-10). See Photo Key for the locations associated with Figures E-1 to E-10.

The most notable feature remaining on the property is the 30-foot tall Streamline Moderne/Googie style theater sign. The overall condition of the sign is fair to poor due to deterioration of materials and some missing features. The smaller, decorative illuminating stars are missing from both the south and north sign faces as is the "Drive-In" lettering. There is notable damage to the exterior wood board paneling of the sign's (likely original) tower (deteriorating paint, disjointed and broken wood boards). There are minor but notable signs of rust on the marquee's metal paneling. The wood board sheeting which makes up the skirt at the lower portion of the marquee is warped due to age and exposure. Despite the sign's condition, it still retains many of its original features and is a fine representation of 1950s art/architecture and history of American drive-ins (Appendix E; E-1 to E-3).

Two long driveways connecting to Rosemead Boulevard funnel guest to and from the fan-shaped parking area. Narrow concrete lined grass covered strips divide the flow of traffic on the property with guests entering the property from the southern driveway and exiting back onto Rosemead Boulevard using the northern driveway (Appendix E; E-4 and E-11)

A wood backboard is located at the western half of the fan-shaped parking area (Appendix E; E-5). A long strip of concrete runs parallel (north/south) to the backboard. At least six small concrete foundations with metal anchors are embedded in the concrete. The large asphalt parking area appeared in fair condition with a large section of missing and deteriorating asphalt (Appendix E; E-5, E-8, and E-9). Several large holes (the result of recent demolition and

excavation) have exposed layers of artificial fill and native sediments. The concessions stand and surrounding ancillary buildings were completely demolished just prior to Cogstone's field visit (Appendix E; E-7). A tall wooden privacy fence follows much of the theater boundary with three sliding wood-board access gates located on the northern boundary of the property (Appendix E-10).

2559 CHICO AVENUE (SINGLE FAMILY RESIDENCE)
Due to access limitations only portions of this residence could be documented at the time of Cogstone's field visit.

This one story, single family residence was constructed ca. 1948. Information regarding this property is limited. Per the Los Angeles County Office of the Assessor, this residence shares the same Assessor's Parcel Number (APN) as the Starlite Drive-In theater (2540 Rosemead Boulevard, built 1950). The residence has a low-pitched side gabled roof (covered in composition shingles) with a notable slope at the west elevation, giving it a Saltbox-esqe style. The footprint of the building is mostly rectangular. The style of the doors and windows could not be determined, as they were heavily obscured by metal security bars as well as access limitations. The main pedestrian door is elevated approximately two feet above ground level and is accessible by concrete steps with metal handrails. The primary door is located at the east façade and is flanked by one window to the north and one or two windows to the south. Two small windows are present on the north elevation with a louvered gable vent near the crest of the roof (Appendix E; E-12).

The west elevation has two large sliding windows, a small one-over-one single hung window and a secondary pedestrian door. Due to access limitations it was not clear if an additional window was present at the southern end of this elevation. A large wood framed shelter supported by multiple steel poles is adjacent but not attached to the west elevation. Two small windows and a louvered gable vent were present at the south elevation (Appendix E; E-13 and E-14).

IMPACT ANALYSIS

PALEONTOLOGICAL SENSITIVITY

A multilevel ranking system was developed by professional resource managers within the Bureau of Land Management (BLM) as a practical tool to assess the sensitivity of sediments for fossils. The Potential Fossil Yield Classification (PFYC) system (BLM 2016; Appendix F) has a multi-level scale based on demonstrated yield of fossils. The PFYC system provides additional guidance regarding assessment and management for different fossil yield rankings.

Fossil resources occur in geologic units (e.g., formations or members). The probability for finding significant fossils in a project area can be broadly predicted from previous records of fossils recovered from the geologic units present in and/or adjacent to the study area. The geological setting and the number of known fossil localities help determine the paleontological sensitivity according to PFYC criteria.

Sediments that are close to their basement rock source are typically coarse; those farther from the basement rock source are finer. The chance of fossils being preserved greatly increases once the average size of the sediment particles is reduced to 5 mm in diameter or less. Moreover, fossil preservation also greatly increases after natural burial in rivers, lakes, or oceans. Remains left on the ground surface become weathered by the sun or consumed by scavengers and bacterial activity, usually within 20 years or less. So the sands, silts, and clays of rivers, lakes, and oceans are the most likely sediments to contain fossils.

Using the PFYC system, geologic units are classified according to the relative abundance of vertebrate fossils or scientifically significant invertebrate or plant fossils and their sensitivity to adverse impacts within the known extent of the geological unit. Although significant localities may occasionally occur in a geologic unit, a few widely scattered important fossils or localities do not necessarily indicate a higher PFYC value; instead, the relative abundance of localities is intended to be the major determinant for the value assignment.

Artificial fill is assigned a very low potential for fossils (PFYC 1; Table 6). Impacts more than 20 feet below the original ground surface in the young alluvial fan deposits, unit 3, are assigned a moderate sensitivity (PFYC 3), while those less than 20 feet below the original ground surface are assigned a low sensitivity (PFYC 2).

Table 6. Paleontological sensitivity rankings of project units

	PFYC Ranking				
	5: Very High	**4: High**	**3: moderate**	**2: Low**	**1: Very Low**
artificial fill					X
young alluvial fan deposits, unit 3			more than 20 feet below surface	less than 20 feet below surface	

Rankings as per BLM 2016.

ARCHAEOLOGICAL SENSITIVITY

While the pedestrian survey and cultural records search did not identify prehistoric archaeological resources within or near the Project Area, the pit opened on site during the recent demolition shows that intact native young alluvium sediments are present at approximately two

to three feet below modern ground surface. This is also consistent with the results of the geotechnical for the Project Area (Liu and Swiatek 2020). Coupled with the positive SLF search result, the Project Area is assessed to have moderate sensitivity for buried prehistoric archaeological resources. Analysis of the cultural record search, pedestrian survey, historical USDA aerial photographs, and USGS topographic quadrangle maps indicate that the Project Area has a low sensitivity for significant buried historical archaeological features such as foundations or trash pits.

HISTORIC RESOURCE EVALUATION

Department of Parks and Recreation (DPR) 523 series forms were newly prepared for these resources and are located in Appendix G.

STARLITE DRIVE-IN THEATER

Significance: Theme: Drive-In Theater/ Post-war Car Culture

Period of Significance: 1950-1997

The Starlite Drive-In theater is associated with the Early/Mid-20th century Drive-In Theater period of American history which is intrinsically linked with Post-War American Car Culture. The Starlite was built during the first great wave of drive-in theaters following the end of World War II. The drive-in was an iconic experience for the average American family who could enjoy an outdoor film from the comfort of their own automobile. When the Starlite Drive-In theater first opened it was lauded as one of the largest drive-ins on the west coast with every "modern facility." Its illuminated sign was praised in a 1951 issue of the Boxoffice magazine as a fine example of an "attraction panel" to "catch the attention of patrons." Due to the demolition of the original projection screen in 1997 and the recent demolition of additional key features (the concessions stand and projection booth), the drive-in as a whole has lost a substantial degree of integrity of materials, workmanship, and design, and feeling. Therefore, as a whole, the Starlite Drive-In theater is recommended not eligible for listing in the CRHR under Criterion 1 due to a substantial loss of integrity. However, the Starlite Drive-In theater sign retains much of its integrity and association with its historic period of significance. The sign is a local icon to the community of South El Monte and its image is often used to represent an important landmark within the City. The Starlite Drive-In theater sign does meet the standards for listing in the CRHR and is recommended eligible for individual listing under Criterion 1 for its association with Drive-In Theater history in America.

The Starlite Drive-In theater does not appear to be associated with the lives of persons significant in our past; therefore, it is recommended not eligible for listing under CRHR Criterion 2.

The Starlite Drive-In theater is associated with the work of experienced and respected California architect J. Arthur Drielsma, whose name is credited for the design of at least 14 drive in movie theaters, the majority located in the State of California. Only two drive-ins designed by Mr. Drielsma remain, one of them being the Starlite Drive-In theater. Mr. Drielsma's design of the Starlite Drive-In theater incorporated key features and design from the original drive-in theater patented by Richard M. Hollingshead Jr. in 1932 (exhibited by the fan-shaped parking arrangement, vehicle ramp, and a single large projection screen). As the integrity of the drive-in has been negatively impacted to a substantial degree due to the demolition of the original projection screen in 1997 and the recent demolition of the concessions building and projection booth, the Starlite Drive-In theater as a whole is recommended not eligible for listing in the

CRHR under Criterion 3. However, the Starlite Drive-In theater sign retains much of its integrity and is a fine example of Streamline Modern/Googie style which was prevalent at the time of its conception. It is also an excellent representation of the artistic esthetic of 1950s America and of the surviving work of J. Arthur Drielsma. The sign meets the standards for listing in the CRHR due to its association with the architect J. Arthur Drielsma and Streamline Modern/Googie style. The Starlite Drive-In theater sign is recommended individually eligible for listing in the CRHR under Criterion 3.

The Starlite Drive-In theater has not yielded, nor has the potential to yield, information important to the prehistory or history of the local area, California, or the nation; therefore it is recommended not eligible for listing in the CRHR under Criterion 4.

Integrity
The Starlite Drive-In theater has lost substantial integrity with the demolition of the original projection screen, concessions stand, and projector room. Therefore, the Starlite Drive-In theater as a whole is recommended not eligible for listing in the CRHR. However, the drive-in theater's original sign is recommended individually eligible for listing in the CRHR despite the loss of some integrity of materials, workmanship, and design. The Starlite Drive-In theater sign represents a significant period of American history regarding Early/Mid-20th century drive-in movie theaters coupled with America's post-war car culture. The sign retains key features such as its Streamline Moderne free-flowing design (emulating the shape/form of late 1940s automobiles), Googie style starbursts, H Channel Lettering spelling "Starlite," changeable copy panels, corrugated metal clad towers (used to store the sign's lettering and other associated tools), corrugated metal skirts, and three matching corrugated metal support piers. Despite the loss of many of its illuminated stars and "Drive-In" lettering, the sign is still recognizable when compared to the 1949 and 1950 photographs and reflects much of its original look and feel.

2559 CHICO AVENUE (SINGLE FAMILY RESIDENCE)
Theme: Residential Development
Period of Significance: ca. 1948-1976

This building does not appear to be associated with events that have made a significant contribution to the broad patterns of National, State, or local history, therefore, this building is recommended not eligible for listing under CRHR Criterion 1.

This building does not appear to be associated with the lives of persons significant in our past, therefore, this building is recommended not eligible for listing under CRHR Criterion 2.

While the roof of the buildings has Saltbox-esque qualities, it is not an exemplary representation of this style, thus this building does not embody the distinctive characteristics of a type, period,

or method of construction, that represent the work of a master, or possess high artistic values, therefore, this building is recommended not eligible for listing under CRHR Criterion 3.

The construction of this residence may predate modern trash services; however, there is a low possibility of significant subsurface deposits. Therefore, this building is recommended not eligible for listing in CRHR Criterion 4.

Integrity: This residence appears to retain its integrity of workmanship, materials, design, location, and association. Due to past development with the addition of commercial buildings, the construction of the Starlite Drive-In theater wood fence, and demolition of nearby ancillary and residential buildings, this property has lost a substantial degree of its original feeling and setting.

Due to a lack of significance the single family residence at 2559 Chico Avenue is recommended not eligible for listing on the CRHR.

CONCLUSIONS AND RECOMMENDATIONS

PALEONTOLOGY RECOMMENDATIONS

The Project Area is mapped entirely as late Pleistocene to Holocene young alluvial fan deposits (unit 3). The record search revealed no fossil localities from within the Project Area or immediate vicinity; however, localities are recorded near the Project from the same sediments as those found within the study area.

The paleontological records search revealed that all of the fossils previously recovered within a 12-mile radius of the Project were a minimum of 5 feet deep, occurring in deposits mapped as Pleistocene alluvium at the surface. Sediments with a Holocene component such as those of the study area produced fossils starting at 24 feet deep near to the Project Area. As such, the late Pleistocene to Holocene young alluvial fan sediments less than 20 feet below the modern surface are assigned a low potential for fossils (PFYC 2) due to the lack of fossils in these deposits. More than 20 feet below the modern surface, these sediments are assigned a moderate potential for fossils (PFYC 3) due to similar deposits producing fossils at that depth near to the study area.

Based upon records of fossils found in similar sediments nearby, no paleontological monitoring is currently recommended for the mass excavations. Drilling or pile driving activities, regardless of depth, have a low potential to produce fossils meeting significance criteria, because any fossils brought up by the auger during drilling will not have information about formation, depth or

context. The only instance in which such fossils will meet significance criteria is if the fossil is a species new to the region.

If unanticipated fossil discoveries are made, all work must halt within 50 feet until a qualified paleontologist can evaluate the find. Work may resume immediately outside of the 50-foot radius.

ARCHAEOLOGICAL RECOMMENDATIONS

While no archaeological resources were identified within the Project Area during the intensive pedestrian survey or during any previous investigations, native alluvium sediments are present starting at 2 to 3 feet below modern ground surface. As a result of this, and the positive SLF search result, a Worker Environmental Awareness Program (WEAP) training program is recommended. The WEAP training should be developed to inform construction personnel of cultural resources that may be encountered during construction. It is also recommended that a qualified archaeologist be retained to conduct spotchecks of excavations below 2 feet in depth.

In the event of an unanticipated discovery, all work must be suspended within 50 feet of the find until a qualified archaeologist evaluates it. In the unlikely event that human remains are encountered during project development, all work must cease near the find immediately.

In accordance with California Health and Safety Code Section 7050.5, the County Coroner must be notified if potentially human bone is discovered. The Coroner will then determine within two working days of being notified if the remains are subject to his or her authority. If the Coroner recognizes the remains to be Native American, he or she shall contact the Native American Heritage Commission (NAHC) by phone within 24 hours, in accordance with Public Resources Code Section 5097.98. The NAHC will then designate a Most Likely Descendant (MLD) with respect to the human remains. The MLD then has the opportunity to recommend to the property owner or the person responsible for the excavation work means for treating or disposing, with appropriate dignity, the human remains and associated grave goods. Work may not resume in the vicinity of the find until all requirements of the health and safety code have been met.

HISTORIC BUILT ENVIRONMENT RECOMMENDATIONS

The Starlite Drive-In theater sign (constructed in 1950) is recommended eligible for individual listing on the CRHR under Criteria 1 and 3. The sign is important for its historical association with drive-in movie theaters and car culture in the United States. It is also an excellent example of a Streamline Modern/Googie style theater sign and work of an important architect, J. (Jonas) Arthur Drielsma. The sign is a key element of the Starlite Drive-In theater; the theater as a whole has lost integrity due to demolition of important features, but the sign remains significant in its own right as a freestanding historic resource and retains much of its integrity.

It is Cogstone's understanding that there is an interest in restoring the Starlite Drive-In theater's sign to its original condition with a possibility for incorporation into future development of the Project Area. The sign may be moved a short distance within the Project Area so long as it continues to face Rosemead Boulevard, therefore, its relationship to the street will remain the same. Upon review of potential building plans for the Project Area, the majority of the new buildings will be set back away from the sign and located within the drive-in's parking lot. With Cogstone's recommendation of historical significance and eligibility for listing, we strongly encourage the restoration or rehabilitation of this resource following the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, & Reconstructing Historic Building*.

2559 Chico Avenue (Single Family Residence); due to a lack of significance the single family residence at 2559 Chico Avenue is recommended not eligible for listing on the CRHR.

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APPENDIX A. QUALIFICATIONS

MOLLY VALASIK
QA/QC

EDUCATION

2009 M.A., Anthropology, Kent State University, Kent, Ohio
2006 B.A., Anthropology, Ohio State University, Columbus, Ohio

SUMMARY QUALIFICATIONS

Ms. Valasik is a Registered Professional Archaeologist (RPA) with more than 12 years of experience. She is a skilled professional who is well-versed in the compliance procedures of CEQA and Section 106 of the NHPA and regularly prepares cultural resources assessment reports for a variety of federal, state, and local agencies throughout California. Ms. Valasik has managed a variety of projects at Cogstone in the water, transportation, energy, development, and federal sectors. She meets the qualifications required by the Secretary of the Interior's *Standards and Guidelines for Archaeology and Historic Preservation*. She is accepted as a principal investigator for prehistoric archaeology by the State Office of Historic Preservation's Information Centers.

SELECTED EXPERIENCE

Brea 265 Specific Plan, City of Brea, Orange County, CA. The objective of this study was to review and summarize available information regarding known paleontological, archaeological, and historical resources within the boundaries of the proposed Specific Plan. This study provided environmental documentation as required by CEQA. A Paleontological Resource Impact Mitigation Program and full-time monitoring was recommended. Due to the high sensitivity for subsurface archaeological resources, a cultural resources mitigation plan and monitoring was also recommended. Sub to Placeworks. Project Manager and Principal Investigator for Archaeology. 2018-2019

La Verne General Plan Update, City of La Verne, Los Angeles County, CA. Cogstone reviewed and summarized available information regarding known paleontological, archaeological, and historical resources within the boundaries of the City of La Verne to support an update of the City's General Plan. Cogstone conducted archaeological and paleontological record searches, extensive historical research at City Hall, a Sacred Lands File (SLF) search was requested from the Native American Heritage Commission (NAHC), and a general analysis of impacts of future projects within the city that may adversely affect paleontological, archaeological, or historic resources was provided along with mitigation recommendations. Sub to De Novo. Principal Investigator for Archaeology. 2018

Whittier Boulevard/Three Intersection Improvements, City of Whittier, Los Angeles County, CA. Cogstone conducted intensive-level cultural resources surveys and prepared technical studies for improvements proposed for three intersections at Colima Road, Santa Fe Springs Road and Painter Avenue in a disturbed urban environment. Managed records search, Sacred Lands search, NAHC consultation, and APE mapping. Sub to Michael Baker. Principal Investigator. 2016-2018

Reseda Skate Facility Project, City of Los Angeles, Los Angeles County, CA. Cogstone was retained to conduct an archaeological assessment to determine the potential effects to archaeological resources resulting from construction of an ice rink, roller rink, and associated parking lot. Services included a records search, intensive-level pedestrian survey, and archaeological assessment report that determined the potential of disturbance to archaeological resources was low. *This project was a task order from an on-call contract with Los Angeles Bureau of Engineering.* Sub to ICF. Principal Investigator. 2017

SR-138 Palmdale Boulevard, Caltrans District 8, City of Palmdale, Los Angeles County, CA. The project involved widening and modifying three southbound lanes on Sierra Highway to Avenue R at the railroad crossing. Conducted a cultural resources assessment to support the Project environmental documents (IS/MND) in compliance with NEPA and CEQA. Services for this Local Assistance Project, on behalf of the City, included records search, Sacred Lands File search, Tribal consultation, intensive-level field survey, finalization of the APE map in concurrence with Caltrans District 7, and preparation of an ASR technical report. Sub to Parsons. Principal Archaeologist. 2015-2016

JOHN GUST
<u>Principal Investigator for Archaeology and Task Manager</u>

EDUCATION

2016 Ph.D., Department of Anthropology, University of California, Riverside (UCR)
2011 M.A., Department of Anthropology, UCR
2007 M.A., Applied Geography, University of Colorado, Colorado Springs (UCCS)
2002 B.A., Department of Anthropology, minor in Geography/Environmental Studies, UCCS

SUMMARY QUALIFICATIONS

Dr. Gust is a Registered Professional Archaeologist (RPA) with over 9 years of experience in field archaeology. He meets the qualifications required by the Secretary of the Interior's *Standards and Guidelines for Archaeology and Historic Preservation* and his field expertise includes pedestrian surveys, excavation monitoring, resource recording, and historic artifact analysis. Dr. Gust has managed cultural assessments for over 20 cellular tower projects and multiple assessments for construction of commercial and residential structures. He has also managed cultural resources monitoring projects for both public and private sector clients. Dr. Gust is a member of the Society for California Archaeology, Society for American Archaeology, and the American Anthropological Association.

SELECTED EXPERIENCE

Dogwood Road Project, City of El Centro, Imperial County, CA. Cogstone conducted a cultural resources assessment to determine the potential effects to cultural resources resulting from the construction of United States Department of Agriculture (USDA) Part 70-B RD Funding assisted housing on a 2.2-acre parcel. Cogstone conducted a record search, pedestrian survey, and determined that no further cultural resources work was necessary. The assessment provided environmental documentation as required by Section 106 of the National Historic Preservation Act (NHPA) and the California Environmental Quality Act (CEQA). The City of El Centro acted as the lead agency. Sub to Partner Science & Engineering, Inc. Principal Investigator for Archaeology. 2019-2020

Euclid Fueling Station Project, City of Santa Ana, Orange County, CA. Cogstone conducted a cultural resources assessment to determine the potential impacts to cultural and paleontological resources during the construction of a convenience store, associated parking, gas station, and underground fuel storage tank. The assessment was conducted to meet the requirements of CEQA with the City of Santa Ana acting as lead agency. Cogstone conducted record searches, a Sacred Lands File Search, an intensive pedestrian survey, gave mitigation recommendations, and produced a report. Sub to Sagecrest Planning + Environmental. Principal Investigator for Archaeology. 2019

Jackson St HUD 58 EA Project, City of Riverside, Riverside County, CA. Cogstone conducted a cultural resources assessment to determine the potential effects to cultural resources resulting from the construction of United States Department of Housing and Urban Development (HUD) assisted housing on a 3.58-acre parcel. This assessment provided environmental documentation as required by Section 106 of the National Historic Preservation Act (NHPA). The City of Riverside was the lead agency. Cogstone conducted a records search, a Sacred Lands File Search, a pedestrian survey, and produced a report. Sub to Partner Science & Engineering. Principal Investigator for Archaeology and Report Author. 2019

Heathercliff Malibu Development Project, City of Malibu, Los Angeles County, CA. Cogstone conducted a study to determine the potential impacts to cultural resources resulting from the construction of a single residence bounded by Heathercliff Road to the southeast and the Pacific Coast Highway to the northwest. This study included all information required by the City of Malibu Archaeology Guidelines. Cogstone conducted a record search, Sacred Lands File Search, pedestrian survey, and produced an assessment. Sub to ACS Construction. Principal Investigator for Archaeology and Report Author. 2019

KIM SCOTT
Principal Investigator for Paleontology

EDUCATION

2013 M.S., Biology with a paleontology emphasis, California State University, San Bernardino
2000 B.S., Geology with paleontology emphasis, University of California, Los Angeles

SUMMARY QUALIFICATIONS

Ms. Scott has more than 25 years of experience in California paleontology. She is a sedimentary geologist and qualified paleontologist with extensive experience. She is a skilled professional who is well-versed in the compliance procedures of CEQA, NEPA, and the Paleontological Resources Preservation Act (PRPA). Ms. Scott regularly prepares reports for paleontological assessments, mitigation and monitoring plans and measures, and monitoring reports for a variety of federal, state, and local agencies throughout California. In addition, she has prepared paleontological resources reports for CEQA/ EIR compliance documents for Project-level and program-level Specific Plans, General Plans, Master Plans, and Zoning Amendments for mixed-use, residential, commercial and industrial developments. Ms. Scott serves as company safety officer.

SELECTED PROJECTS

Purple Line Extension (Westside Subway), Metro/FTA, Los Angeles, CA. The Project involves extension of the subway from Wilshire/Western to the VA Facility in Westwood for 9 miles. Cogstone prepared the supplemental Archaeology and Architectural History Reports and the cultural and paleontological sections of the FEIS/FEIR. Cogstone subsequently prepared the cultural and paleontological mitigation and monitoring plans for the entire Project. Currently providing monitoring and all other cultural and paleontological services for Section One of the Project. Paleontological Field and Lab Director, Report Co-author. 2011-present

Barren Ridge Transmission Line, Los Angeles Department of Water and Power (LADWP), Saugus to Mojave, Los Angeles and Kern Counties, CA. Over 75 miles of LADWP electrical lines were installed Angeles National Forest, BLM and private lands. Supervised paleontological monitoring and lab work and prepared a Paleontological Monitoring Report to CEQA, BLM, and PRPA standards. Sub to Aspen Environmental Group. Principal Paleontologist. 2015-present

City of La Verne General Plan, Los Angeles County, CA. The Project was for an update to the City's General Plan, a 5,446-acre area. Provided a Paleontological and Cultural Assessment Report for the City. Sub to De Novo Planning Group. Principal Paleontologist. 2018

Interstate 405 Paleontological Resources Mitigation Plan, Los Angeles and Orange Counties, CA. Improvements to a 6-miles of Interstate 405 (I-405) between State Route 73 and Interstate 605. Provided a Paleontological Mitigation and Monitoring Plan. Principal Paleontologist. Sub to OC 405 Partners. 2018

Little Tujunga Canyon Bridge, Angeles National Forest, Los Angeles County, CA. The Project was to replace the Little Tujunga Canyon Road Bridge along Little Tujunga Canyon Road. Provided a Paleontological Assessment Report. Sub to Michael Baker International. Principal Paleontologist. 2017

Park Place Extension Project, City of El Segundo, Los Angeles County, CA. The City proposed to extend Park Place from Allied Way to Nash Street with a railroad grade separation to implement a critical Project improving traffic and circulation in the Project Area. Provided a combined Paleontological Identification and Evaluation Report (PIR/PER). Sub to Michael Baker International. Principal Paleontologist. 2017

Coto de Caza EIR Subdivision, Coto de Caza, Orange County, CA. The project proposed the subdivision of an existing large estate for development of 28 new residential lots on approximately 50-57 acres of land. Proposed residential lots will be a minimum of one acre in size. Prepared a Paleontological Assessment Report. Contracted to Bill Lyon. Co-Principal Paleontologist/Report Co-author. 2015

SHANNON LOPEZ
Architectural Historian

EDUCATION

2018 M.A., History (with an emphasis in architecture), California State University, Fullerton
2012 B.A., History, Minor in Asian-Pacific Studies, California State University, Dominguez Hills

SUMMARY QUALIFICATIONS

Ms. Lopez is a qualified historian and she meets the *Secretary of the Interior's Standards and Guidelines for Architectural History*. Ms. Lopez is experienced in architectural history research and surveys along with photo documentation and recording of built environment resources for local and federal projects. She has extensive knowledge with Native American consultation, consultation with city and county historical societies, and analysis of primary and secondary sources. Additionally, she is an approved Reader at the Huntington Library by the Los Angeles Office of Historic Resources.

SELECTED EXPERIENCE

Irvine General Plan Update, Phase II, City of Irvine, Orange County, CA. Cogstone conducted a study to review and summarize available information regarding known paleontological, archaeological, and historical resources within the boundaries of the City of Irvine to support the Phase II update of the City's General Plan. A general analysis of impacts of future projects within the City of Irvine that may adversely affect paleontological, archaeological, or historic resources was provided along with mitigation recommendations. Sub to Placeworks. Architectural Historian. 2018-2019

2525 N. Main, City of Santa Ana, Orange County, CA. The project proposed demolition of existing buildings and the construction of a five-story multi-family residential apartment complex. Cogstone conducted a cultural and historic resources records search, a field visit to known historic homes and Santiago Park, evaluation of the historic resources, and produced a built environment report. Conducted research, evaluation and co-author. Architectural Historian. 2018

Purple Line Extension (Westside Subway) Crack Propagation Reassessment, City of Beverly Hills, Los Angeles County, CA. On behalf of METRO, Cogstone was approved to reassess the exterior façade of the old Porsche building located on Wilshire Boulevard. The purpose of this reassessment was to document and compare the cracks of the current building during construction of the underground subway with those recorded in a pre-construction survey. Architectural Monitor and Author. 2018

Desert Sage Wellness Center, City of Hemet, Riverside County, CA. Cogstone completed a National Register of Historic Places eligibility re-evaluation for a proposed historical ranching line camp on behalf of the California Area Office Indian Health Service. This study was performed pursuant to Section 110 of the National Historic Preservation Act. Services included an archaeological and architectural pedestrian survey, records search, update to DPR forms, public outreach, additional research, and reported updates to SHPO. Architectural Historian. 2018

3800 W. 6th Street Mixed-Used Development, Koreatown, Los Angeles County, CA. The project proposed to construct a 21-story mixed-use development with two levels of underground parking. Cogstone conducted a paleontological and cultural resources assessment. Tasks included records search, built environment survey, resource recording and technical report. Conducted built environment survey, recoded building, and conducted view shed impact analysis. Architectural Historian. 2018

Accelerated Charter Elementary School, Los Angeles Unified School District, City of Los Angeles, Los Angeles County, CA. The project involved the construction of a new facility on a 2.3-acre site in South Central Los Angeles. Cogstone conducted paleontological and cultural resources monitoring. Five new archaeological sites were defined and one building record was updated. Sub to Gafon. Assistant Architectural Historian. 2017

SANDY DUARTE
Archaeologist

EDUCATION

2002 B.A., Cultural Anthropology, University of California, Santa Barbara

TRAINING AND CERTIFICATIONS

HAZWOPER Certified - Certified American Red Cross CPR; Certified American Red Cross Standard First Aid
Applied Archaeology of Southern California, USDA Forest Service, San Bernardino National Forest
Railroad Security Certified

SUMMARY QUALIFICATIONS

Ms. Duarte is a paleontologist and archaeologist with over 18 years of experience in paleontological and archaeological monitoring, surveying, and excavation in southern California. Ms. Duarte has experience with Native American consultation as required by Section 106 of the National Historic Preservation Act (NHPA) and under Senate Bill 18 for the protection and management of cultural resources. Beginning in 2006, Ms. Duarte worked for the U.S. Forest Service in the Biology, Timber, and Geology Department as an archaeologist, including serving as a trained wild-land firefighter to preserve archaeological sites forest fires. Additional skills include paleontological identification, fossil preparation, artifact identification and preparation, and final report preparation.

SELECTED PROJECTS

Parkside Estates, City of Huntington Beach, Orange County, CA. The project consisted of an approximately 50-acre development. Services included monitoring during all excavations, identifying and collecting cultural artifacts, and Native American coordination with Juaneño and Gabrielino groups. LSA Associates. March 2016-September 2019

State Route 74 Improvements, Caltrans District 12, Orange County, CA. This project consisted of the widening of SR-74 and adding a shoulder lane. Duties included monitoring the installation of ESA fencing along culturally sensitive areas along SR-74 and widening of shoulder lane. LSA Associates. Archaeological Monitor. April-June 2018

Perris Gateway Commerce Center, City of Perris, San Bernardino County, CA. The proposed project included the demolition of existing uses at the project site and the construction and operation of a 380,000 square-foot high-cube warehouse to be constructed on 21.63 acres, 0.27 acres of which would be provided for purposes of street dedication, and the remainder of the site to be developed with 205,000 square feet of landscaping, 225 passenger vehicle parking stalls, 98 trailer parking stalls, and two detention basins. Conducted monitoring during all ground disturbing activities. Archaeological Monitor. March 2018

La Pata Avenue 1.8-mile Gap Closure and Camino del Rio Extension, Orange County Public Works, City of San Juan Capistrano, Orange County, CA. This project was a massive undertaking of 14.8 million cubic yards of earth material being removed. Duties included identifying and collecting groundstone artifacts in alluvium, and identifying and collecting fossils in bedrock. Ms. Duarte also prepared numerous pinniped fossils specimens with zip scribes. LSA Associates. Lead Archaeological Monitor. March 2014 - March 2017

Planning Area 40 East/East Rough Grading and Pipeline Trenching, Cities of Lake Forest and Irvine, Orange County, CA. LSA conducted paleontological resources monitoring for the rough grading of PA 40 East/East for the development of a new residential community. Ms. Duarte served as paleontological and archeological monitor during all earth-disturbing activities on site. LSA Associates. January-April 2016

On-Call Environmental Mitigation Program, OCTA, Orange County, CA. This project consisted of 6 open space properties and 11 restoration project areas selected for mitigation of impacts from the Measure M2 freeway program. Prior to any work taking place, each area had to have an environmental assessment to determine the presence of both historic and prehistoric resources. Duties included leading transects using ArcGIS on a smartphone and assisting in identifying and recording artifacts. LSA Associates. Lead Archaeological Monitor. March-June 2014

KELLY VREELAND
<u>Paleontology Supervisor</u>

EDUCATION

2014 M.S., Geology, California State University, Fullerton (CSUF)
2010 B.S., Geology, CSUF

SUMMARY OF QUALIFICATIONS

Ms. Vreeland is a Paleontologist with over 10 years of experience in field paleontology. Her field and laboratory experience includes fieldwork and research projects throughout California and Nevada, as well as conducting fieldwork and surficial geologic mapping in Montana. Ms. Vreeland has expertise in invertebrate paleontology and paleoecology. Ms. Vreeland is a member of the Geological Society of America, the Paleontological Society, the Society for Sedimentary Geology, and the Association for Women in Geoscience.

SELECTED EXPERIENCE

Jack Ranch Tract, unincorporated area of San Luis Obispo County, CA. Cogstone prepared a Paleontological Mitigation Plan (PMP) to propose effective mitigation of potential adverse impacts to paleontological resources resulting from proposed construction of 13 residential lots as well as a Conditional Use Permit to allow for a Major Agricultural Cluster project. Cogstone is providing archaeological and paleontological monitoring during construction for residential development of a 299-acre parcel. The County of San Luis Obispo is the lead agency for this project under the California Environmental Quality Act. Sub to Kirk Consulting. Paleontology Supervisor. 2020-*present*

Five Point Community Development - Various Projects, City of Irvine, Orange County, CA. LSA Associates conducted paleontological and archaeological resources monitoring for various Five Point Community Development projects in Irvine as well as preparation of environmental documents. Paleontologist. 2015-2020

Alameda Corridor East Grade Separation Projects, various cities, Los Angeles County, CA. LSA Associates conducted on-call paleontological resource monitoring for various railway grade separation projects and preparation of Paleontological Mitigation Plans. Paleontologist. 2019-2020

South Campus Student Housing Project, City of Sacramento, Sacramento County, CA. LSA Associates prepared a Paleontological Resources Monitoring and Mitigation Plan as well as developed and conducting a Workers Environmental Awareness Program (WEAP) training. The project involved construction and operation of student housing facilities for upper-division university students adjacent to the California State University, Sacramento campus. Paleontologist. 2020

American Kings Solar Project, Kings County, CA. LSA Associates prepared a Paleontological Analysis for the proposed construction, operation, maintenance, and decommissioning of an up to 128-megawatt alternating current photovoltaic solar power-generating facility. Paleontologist. 2019

Teresina Project, City of Lake Forest, Orange County, CA. LSA Associates conducted paleontological and archaeological resources monitoring during grading for the development of a new residential community. Upon completion of the project, a Paleontological Resources Monitoring Report was prepared. Paleontologist. 2018

NBC Universal Project, City of Los Angeles, Los Angeles County, CA. LSA Associated prepared and conducted Worker Environmental Awareness Program (WEAP) training for all personnel on the project, as well as archaeological and paleontological resource monitoring for additional developments and improvements to the NBC Universal lot and associated roads. Paleontologist. 2018-2020

LOGAN FREEBERG
GIS Supervisor

EDUCATION

2018 Geographic Information Systems (GIS) Certificate, California State University, Fullerton
2003 B.A., Anthropology, University of California, Santa Barbara

SUMMARY QUALIFICATIONS

Mr. Freeberg has over 18 years of professional experience in cultural resource management, and has extensive experience in field surveying, data recovery, monitoring, and excavation of archaeological and paleontological resources associated with land development projects in the private and public sectors. He has conducted all phases of archaeological work, including fieldwork, laboratory analysis, research, and reporting. Mr. Freeberg also has a strong grounding in conventional field and laboratory methods and is skilled in the use of ArcGIS.

SELECTED PROJECTS

Laguna Creek Trail and Bruceville Road Project, Caltrans District 3, City of Elk Grove, Sacramento County, CA. The City of Elk Grove, in cooperation with Caltrans, proposed multiple trail extensions and gap closures in effort to provide connecting links that would ultimately provide trail users with access to a vast system of trails, with connections to parks, schools, community centers, commercial retail and office areas, and transit facilities. Cogstone conducted pedestrian surveys, records search, and prepared an Archaeological Survey Report (ASR) and a Historic Property Survey Report (HPSR). Sub to Helix Environmental. GIS Technician. 2019

Roosevelt Park Regional Stormwater Capture Project, unincorporated area of Florence-Firestone, Los Angeles County, CA. Conducted cultural and paleontological monitoring during all ground disturbing activities in native sediments. This project included the construction of three diversion structures and pipelines. Sub to Environmental Advisors. GIS Technician. 2019

Goddard School Project, City of Chino Hills, San Bernardino County, CA. Cogstone produced a paleontological resources mitigation and monitoring program for a proposed 59,129 square foot development that would consist of a one-story, 10,587-square foot pre-school/daycare with nine classrooms, fenced play yards and play structures, and a parking lot with 40 stalls. Cogstone put forward mitigation measures that included monitoring for all ground-breaking activities, paleontological resource awareness training for construction personnel, and the completion of a final mitigation report. GIS Technician. 2019

Euclid Fueling Station Project, City of Santa Ana, Orange County, CA. This study was conducted to determine the potential impacts to archaeological and paleontological resources during construction activities for a proposed 7-Eleven gas station and convenience store. The proposed project entailed the construction of the convenience store, associated parking, gas station, and underground fuel storage tank. Planned vertical impacts included approximately three to four feet of fill removal over at least some of the site, a trench approximately eight feet deep for utilities, and approximately 12 feet for the new fuel storage tanks. Sub to Sagecrest Environmental. GIS Technician. 2019

Fresno West Area Specific Plan, City of Fresno, Fresno County, CA. The objective of this study was to review and summarize available information regarding known paleontological, archaeological, and historical resources within the boundaries of the City of Fresno's West Area Specific Plan. The purpose of the West Area Specific Plan is to implement and refine the City's vision for the West Area in order to guide future growth and development in the most northwest area of the City. Cogstone's services included record searches, mapping, and extensive background research. Sub to De Novo Planning. GIS Technician. 2019

Laguna Beach Fire Department Fire Breaks, City of Laguna Beach, Orange County, CA. This project included the areas adjacent to homes and businesses requiring vegetation removal to create new fire breaks. Conducted a pedestrian survey of the natural landscape and slopes located along the eastern and western sides of the SR-133 highway, south of El Toro Road to Pacific Coast Highway. Archaeological Monitor. 2019

APPENDIX B. PALEONTOLOGICAL RECORD SEARCH

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org

Research & Collections

e-mail: paleorecords@nhm.org

February 18, 2021

Cogstone Resource Management
Attn: Logan Freeberg

re: Paleontological resources for the South El Monte Cottages Project (Cogstone #5217)

Dear Logan:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the South El Monte Cottages project area as outlined on the portion of the El Monte USGS topographic quadrangle map that you sent to me via e-mail on February 12, 2021. We do not have any fossil localities that lie directly within the proposed project area, but we do have fossil localities nearby from the same sedimentary deposits that occur in the proposed project area, either at the surface or at depth.

The following table shows the closest known localities in the collection of the Natural History Museum of Los Angeles County.

Locality Number	Location	Formation	Taxa	Depth
LACM VP 3363	W of Monterey Pass Road in Coyote Pass; E of the Long Beach Freeway & S of the N boundary of Section 32	Unknown Formation (Pleistocene; sand and silt)	Horse (*Equus*)	Unknown
LACM IP 20258	Brickyard, S Ferris Ave, Belvedere Gardens	Unknown Formation (Pleistocene)	Invertebrates (*Turitella*, Naticidae)	Unknown
LACM VP 7702	Intersection of 26th St and Atlantic Blvd, Bell Gardens	Unknown Formation (Pleistocene; silt)	Fish (*Gasterosteus*); Snake (Colubridae), Rodents (*Thomomys, Microtus*); Rabbit (*Sylvilagus*)	30 feet bgs
LACM VP 3347	11204 Bluefield; Whittier	La Habra Formation	Horse (*Equus*)	2 feet bgs

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface

This records search covers only the records of the Natural History Museum of Los

Angeles County ("NHMLA"). It is not intended as a paleontological assessment of the project area for the purposes of CEQA or NEPA. Potentially fossil-bearing units are present in the project area, either at the surface or in the subsurface. As such, NHMLA recommends that a full paleontological assessment of the project area be conducted by a paleontologist meeting Bureau of Land Management or Society of Vertebrate Paleontology standards.

Sincerely,



Alyssa Bell, Ph.D.
Natural History Museum of Los Angeles County

enclosure: invoice

APPENDIX C. HISTORIC SOCIETY CONSULTATION

cogstone

PALEONTOLOGY - ARCHAEOLOGY - HISTORY

February 18, 2021

Los Angeles Conservancy
523 West Sixth Street, Suite 826,
Los Angeles, CA. 90014

RE: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County, California.

To Whom It May Concern:

Cogstone Resource Management, Inc. (Cogstone) is conducting a cultural and paleontological resources assessment for the South El Monte Cottages Project (Project) located between Rosemead Boulevard and Chico Avenue in the City of South El Monte, Los Angeles County, California (Figures 1-3).

The Project involves the construction of 206 residential units that include 38 cottages (attached) and 168 detached units. The Project area (PA) was formerly used as a drive-in theatre (The Starlite Drive-In theatre) and is used for a swap meet. The PA is almost entirely hardscaped. The Starlite Drive-In (2540 Rosemead Blvd.) was opened in June of 1950 and was part of the first boom of drive-in theatres in the United States. The screen was demolished in 1997. There are two additional structures at the northeast and southeast corners of the PA. A single family residence is located at the northeast corner of the PA at 2559 Chico Ave (APN: 8102-037-024); built ca. 1949. The address of the commercial building at the southeast corner of the PA is also listed as 2559 Chico Ave. Per historic aerial photograph, it appears that the core of this building was originally an ancillary building to an early 1900's farmstead (now demolished) and is visible in a 1938 aerial photograph. Additions to this building have occurred throughout the decades.

We are contacting you because we would like to invite members of the Los Angeles Conservancy to provide input regarding the redevelopment of the Project area. We appreciate your providing any comments, issues, and/or concerns relating to the history of the Project area. We would greatly appreciate any information you can provide regarding the Starlite Drive-In, the residence, and commercial building within the PA; specifically previous ownership, architect, and associated builder. The drive-in theatre is of particular interest as it appears to be one of the last drive-in theatres in southern California. Please contact me at slopez@cogstone.com or at (714) 974-8300. Thank you for your attention to this matter.

Sincerely,

1518 West Taft Avenue
Orange, CA 92865
Office (714) 974-8300

Branch Offices
San Diego – Riverside – Morro Bay – Sacramento – Arizona

cogstone.com
Toll free (888) 333-3212

Federal Certifications EDWOSB , SDB
State Certifications DBE, WBE, SBE, UDBE

Shannon Lopez

Shannon Lopez, M.A.
Architectural Historian
(714) 974-8300 x.108
slopez@cogstone.com

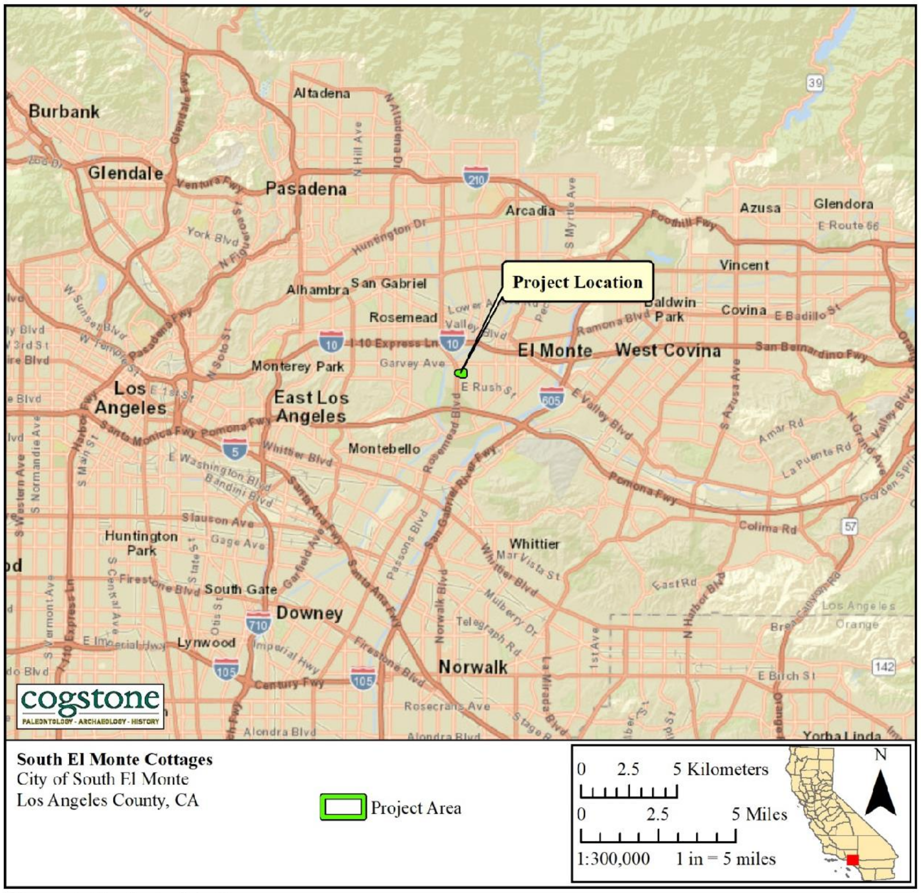
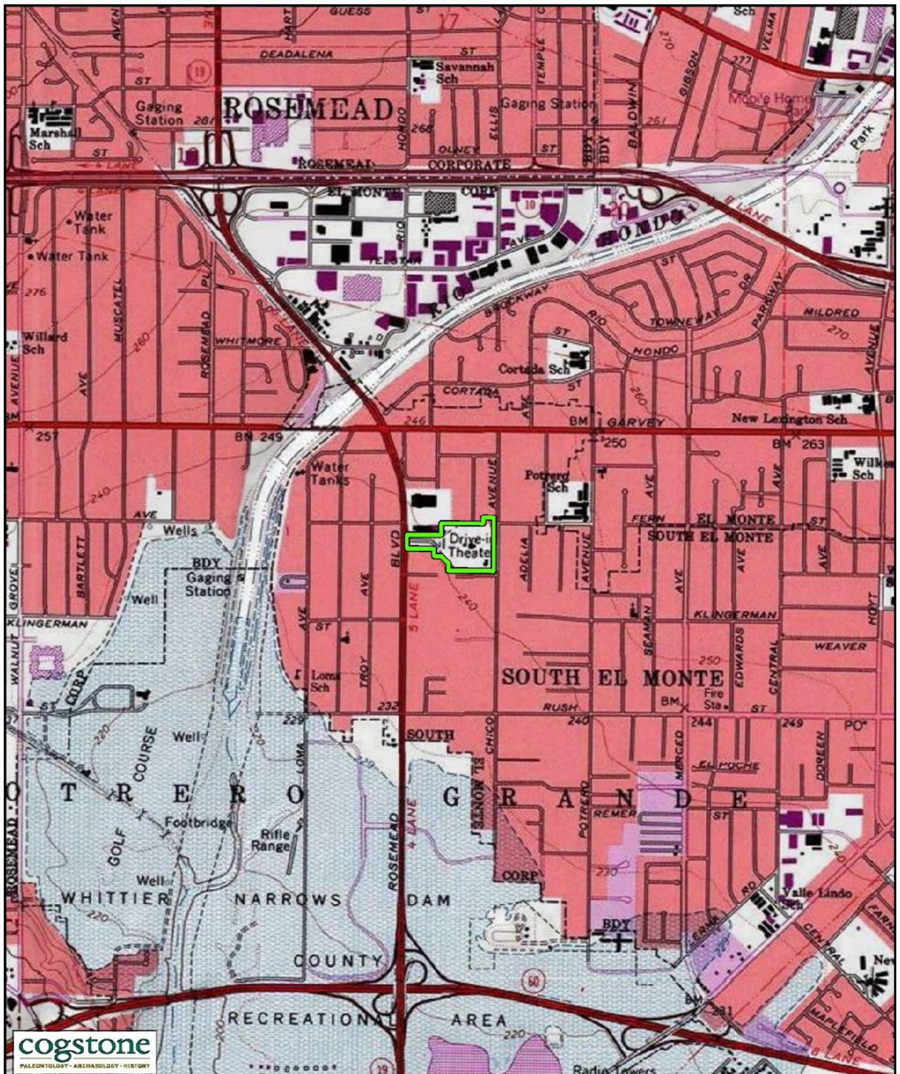


Figure 1. Project vicinity map



South El Monte Cottages
City of South El Monte
Los Angeles County, CA

Project Area

USGS 7.5' Quads:
EL MONTE

0 0.25 0.5 Miles
0 0.25 0.5 Kilometers
N
1:24,000 1 in = 2,000 ft

Figure 2. Project location map



Figure 3. Project aerial map

cogstone.com

Re: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County

From: Erik Van Breene <vanbreene@laconservancy.org>
To: Shannon Lopez <slopez@cogstone.com>
Date: 3/2/2021 1:46 PM

Hey Shannon,

Even without the concession stand/projection booth I think the sign should be retained as a historic resource. For future projects dealing with theaters I'd recommend you reach out to the Los Angeles Historic Theater Foundation if you haven't already. I'm not sure what their history has been with drive ins but I'm sure they know of advocacy organizations that are involved with them.

Best,
Erik

Erik Van Breene
Preservation Coordinator
Los Angeles Conservancy
523 West Sixth Street, Suite 826
Los Angeles, CA 90014
(213) 430-4206 | vanbreene@laconservancy.org

Pronouns: He / His / Him / Mr.

From: Shannon Lopez <slopez@cogstone.com>
Date: Tuesday, March 2, 2021 at 12:04 PM
To: Erik Van Breene <vanbreene@laconservancy.org>
Subject: Re: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County

Hi Erik!

Hope you are well.

I just wanted to touch base about the Starlite Drive-In Theater consultation. I just wanted to let you know that things have changed regarding our request for information. I went out to survey the property today and I was surprised to see a construction crew out on the site and had demolished the Drive-In's concessions building within the last week or two. Claims of a gas leak.

With the concrete projection screen and now the original concessions building gone I don't believe there is enough integrity left for the Drive-in as a whole to be considered eligible for listing on the CRHR. However, our client has interest in restoring the original Starlite Drive-In marquee and adapting it for modern use. They also plan to move the sign approximately 30ish feet to the south but would continue to face Rosemead Blvd. The marquee is in rough shape and is missing its original star shaped lights (Please see attached photos). I am not aware of any examples of a theater marquee being recommended eligible for listing in the CRHR on its own especially one in this condition. I'm very much on the fence if I can recommend this individually eligible. I would appreciate the Conservancy's opinion on this matter.

Thank you again for your time and I look forward to hearing from you.

All the best,
Shannon Lopez

Shannon Lopez

Architectural Historian

Cogstone Resource Management

1518 W Taft Ave Orange, Ca 92865

714-974-8300 office |

slopez@cogstone.com www.cogstone.com

Field Offices in San Diego, Riverside, Morro Bay, Sacramento, Arizona

From: Erik Van Breene <vanbreene@laconservancy.org>
To: Shannon Lopez <slopez@cogstone.com>
Sent: 2/18/2021 1:52 PM
Subject: Re: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County

> Thanks, Shannon. Let me review and ask my colleagues for their opinions.
>
> Best,
> Erik

Erik Van Breene
Preservation Coordinator
Los Angeles Conservancy
523 West Sixth Street, Suite 826
Los Angeles, CA 90014
(213) 430-4206 | vanbreene@laconservancy.org

Pronouns: He / His / Him / Mr.

laconservancy.org
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Membership starts at just $40
Join the Conservancy today

From: Shannon Lopez <slopez@cogstone.com>
Date: Thursday, February 18, 2021 at 9:05 AM
To: Erik Van Breene <vanbreene@laconservancy.org>
Subject: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County

Hi Erik!

This is Shannon Lopez with Cogstone Resource Management. I wanted to reach out and forward you a copy of our request for information regarding the South El Monte Cottages Project (please see attached). The main focus of the project is the Starlite Drive-In theater (opened in 1950). The projection screen was demolished in 1997 and the original marquee is almost complete. I would like to know what the Conservancy's opinion is regarding the Starlite's historical significance in relation to the area. There are about a half dozen historic in age drive-ins left in Southern California (that I am aware of) but I can't find any that are considered eligible for listing at the state or national level. It was built near the early years of the first drive-in theater boom in the US. If the projection screen was still present I would lean more towards recommending it eligible for the CRHR but at the moment I am a bit hesitant.

According to my research thus far it was designed by J.(Jonas) Arthur Drielsma. Drielsma is listed in the 1955/1956 American Institute of Architects and is credited for other Drive-In theater designs such as the Big Sky Drive-In Theater (1951); Whittier Drive-In Theater, (1952); L.A. Mirada Drive-In Theater, (1954); Edwards San Gabriel Drive-In Theater (1955), and Smith's Ranch Drive-In/ Clemon's Drive-In (1956).

I found a few mentions of Drielsma and the Starlite in issues of Boxoffice Magazine but nothing helpful outside of telling me who the the architect was and when the theater was first opened. I do know that the property has been used for swap meets for decades and is still used as a swap meet after the theater closed by 1997.

Any and all help you can provide would be very much appreciated.

Thank you so much for your time and I look forward to hearing from you.

All the best,
Shannon Lopez

Shannon Lopez

Architectural Historian

Cogstone Resource Management

1518 W Taft Ave Orange, Ca 92865

714-974-8300 office |

slopez@cogstone.com www.cogstone.com

Field Offices in San Diego, Riverside, Morro Bay, Sacramento, Arizona

Re: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County, California.

From: rosa russ <rosa_russ@hotmail.com>
To: Shannon Lopez <slopez@cogstone.com>, La Historia <lahistoriasociety@gmail.com>
Cc: rvperidot@yahoo.com <rvperidot@yahoo.com>, carwick345@sbcglobal.net <carwick345@sbcglobal.net>
Date: 3/22/2021 9:28 AM

Hi
Ok.

From: Shannon Lopez <slopez@cogstone.com>
Sent: Monday, March 22, 2021 8:53 AM
To: rosa russ <rosa_russ@hotmail.com>; La Historia <lahistoriasociety@gmail.com>
Cc: rvperidot@yahoo.com <rvperidot@yahoo.com>; carwick345@sbcglobal.net <carwick345@sbcglobal.net>
Subject: Re: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County, California.

Good morning Rosa,

Wonderful! I will call you at 12:30pm today if that works for you.

All the best,
Shannon

Shannon Lopez

Architectural Historian

Cogstone Resource Management

1518 W Taft Ave Orange, Ca 92865

714-974-8300 office |

slopez@cogstone.com www.cogstone.com

Field Offices in San Diego, Riverside, Morro Bay, Sacramento, Arizona

From: rosa russ <rosa_russ@hotmail.com>

To: Shannon Lopez <slopez@cogstone.com>, La Historia <lahistoriasociety@gmail.com>
Cc: "rvperidot@yahoo.com" <rvperidot@yahoo.com>, "carwick345@sbcglobal.net" <carwick345@sbcglobal.net>
Sent: 3/22/2021 8:48 AM
Subject: Re: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County, California.

Hi

I am available after 12:00 noon today.
626-246-4631

-Rosa

From: Shannon Lopez <slopez@cogstone.com>
Sent: Friday, March 19, 2021 1:21 PM
To: La Historia <lahistoriasociety@gmail.com>
Cc: rvperidot@yahoo.com <rvperidot@yahoo.com>; rosa_russ@hotmail.com <rosa_russ@hotmail.com>; carwick345@sbcglobal.net <carwick345@sbcglobal.net>
Subject: Re: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County, California.

Good afternoon Rosa,

Thank you so very much for your reply! I would be happy to speak with you over the phone. What time would be convenient for you? I will be leaving for the day at 2pm but if you are unable to take my call before then we can schedule for Monday.

Thank you again,
Shannon Lopez

Shannon Lopez

Architectural Historian

Cogstone Resource Management

1518 W Taft Ave Orange, Ca 92865

714-974-8300 office |

slopez@cogstone.com www.cogstone.com

Field Offices in San Diego, Riverside, Morro Bay, Sacramento, Arizona

From: La Historia <lahistoriasociety@gmail.com>
To: Shannon Lopez <slopez@cogstone.com>
Cc: <rvperidot@yahoo.com>, <rosa_russ@hotmail.com>, <carwick345@sbcglobal.net>
Sent: 3/19/2021 1:13 PM

Subject: Re: Information Request for the Cultural Resources Assessment for the South El Monte Cottages Project, City of South El Monte, Los Angeles County, California.

Hi Shannon,

This is Rosa Peña, president of La Historia Historical Society.
I do not have specific information in regards to the Starlite Drive-In Theater at this time.

Would you be able to speak on the phone? If so, my number is 626 246 4631.

Please let me know,

Rosa Peña

On Fri, Feb 26, 2021 at 10:06 AM Shannon Lopez <slopez@cogstone.com> wrote:

Hello,

My name is Shannon Lopez with Cogstone Resource Management located in the City of Orange. I just wanted to reach out and ask if our request for information, sent via mail on February 18th, was received? Please see attached for PDF copy of request.

The project in question will impact the Starlite Drive-In Theater on 2540 Rosemead Blvd. in South El Monte. Any and all information you can provide regarding the Starlite Drive-In and the two additional structures located on the northeast and southeast corners of the Project area will be greatly appreciated. Questions, comments, and concerns regarding the project are also appreciated.

All the best,
Shannon Lopez

Shannon Lopez

Architectural Historian

Cogstone Resource Management

1518 W Taft Ave Orange, Ca 92865

714-974-8300 office |

slopez@cogstone.com www.cogstone.com

Field Offices in San Diego, Riverside, Morro Bay, Sacramento, Arizona

Re: UDITOA Historcal inquiry

From: UDITOA Mailbox <info@uditoa.org>
To: slopez@cogstone.com <slopez@cogstone.com>
Cc: Mark Frank <mark.frank@uditoa.org>, John Vincent <john.vincent@uditoa.org>
Date: 4/16/2021 2:54 PM

Dear Shannon,

We normally do not get involved with this as an association, but Personally I think I can assist. Are you able to send me some pictures of what you are trying to identify, and or we can speak on the phone? I am D. Edward Vogel, a Staff member of the association and I own the Bengies Drive-In Theatre in Baltimore, MD. You may email me at: DEDWARD@BENGIES.COM and my office number is 410 686-7400. You may also email me a phone contact for you.

This email ended up in the Junk folder and I just discovered it, sorry for the delay in the reply.
D.

From: slopez@cogstone.com <slopez@cogstone.com>
Sent: Wednesday, April 14, 2021 7:27 PM
To: UDITOA Mailbox <info@uditoa.org>
Subject: UDITOA Website Email

COMMUNICATION FROM UDITOA WEB SITE

Name: Shannon Lopez
Email: slopez@cogstone.com
Message: Good Afternoon,My name is Shannon Lopez with Cogstone Resource Management, Inc. in the City of Orange. I am currently working on a Project for the Starlite Drive-In theater located at 2560 Rosemead Boulevard, South El Monte, CA. 91733. I am currently recommended the surviving movie sign as eligible for listing on the California Register of Historic Resources, however, I have a question regarding the utility of the large tower at the back of the sign. We believe it may have been used to block ambient light from the sign so it would not interfere with the movie screen behind it but we are not 100% certain. I would appreciate any suggestions or feedback the U.D.I.T.O.A. can provide so we may have a better understanding of this historic resource. Please feel free to contact me if you would like me to provide current photographs of the sign.Thank you very much for your time and I look forward to hearing from you. All the best,Shannon Lopez

APPENDIX D. NATIVE AMERICAN CONSULTATION

Sacred Lands File & Native American Contacts List Request

Native American Heritage Commission
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
916-373-3710
916-373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: **South El Monte Cottages**

County: **Los Angeles**

USGS Quadrangle Name: **El Monte 7.5'**

Township: **1S** **Range:** **11W** **Section(s):** **29**

Company/Firm/Agency: **Cogstone Resource Management**

Street Address: **1518 W. Taft Ave.**

City: **Orange** **Zip:** **92865**

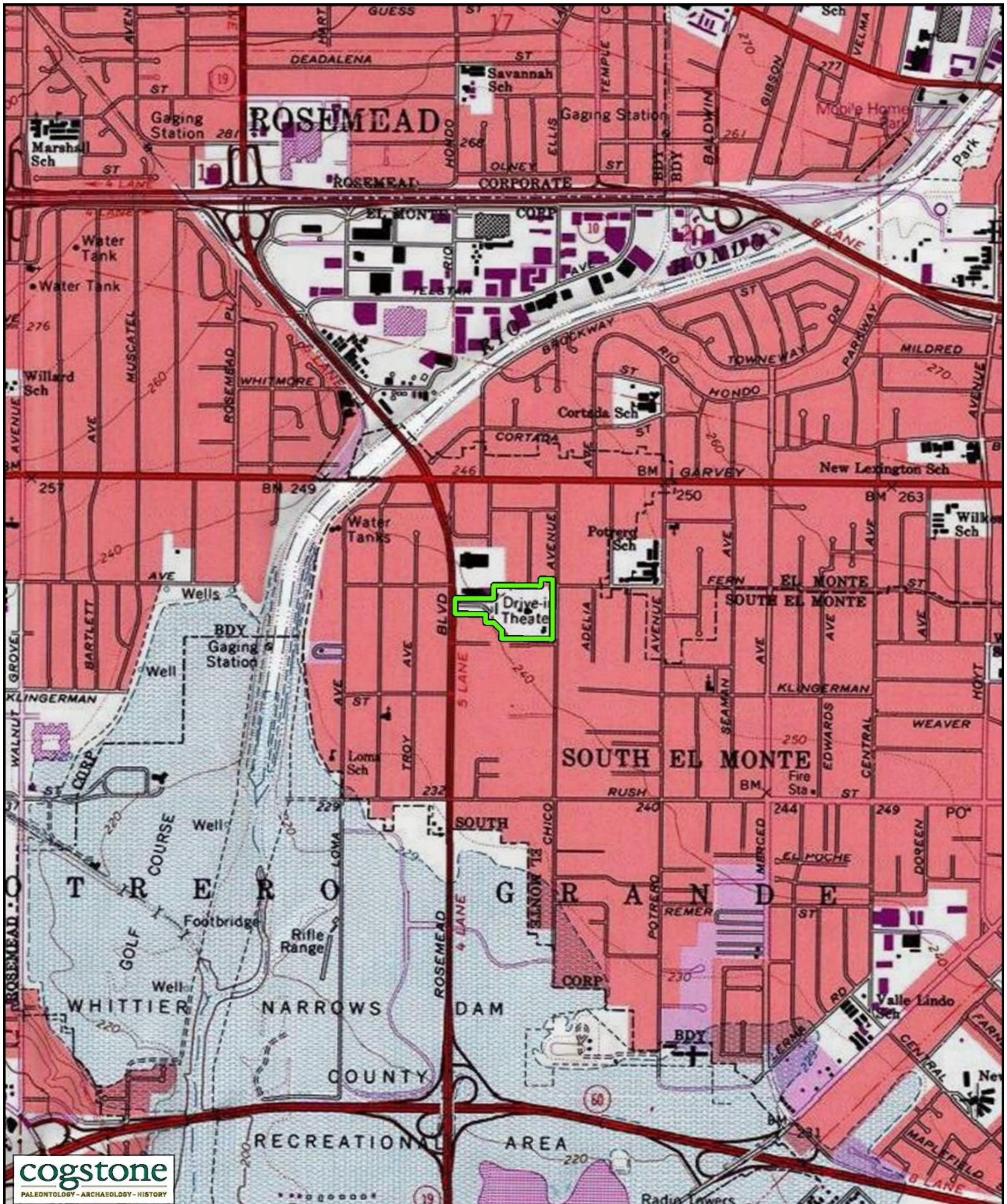
Phone: **714-974-8300**

Fax: **714-974-8303**

Email: **cogstoneconsult@cogstone.com**

Project Description:

The Project involves the construction of 206 residential units that include 38 cottages (attached) and 168 detached units. The Project area was formerly used as a drive-in theatre and is used for a swap meet. The Project area is almost entirely hardscaped.

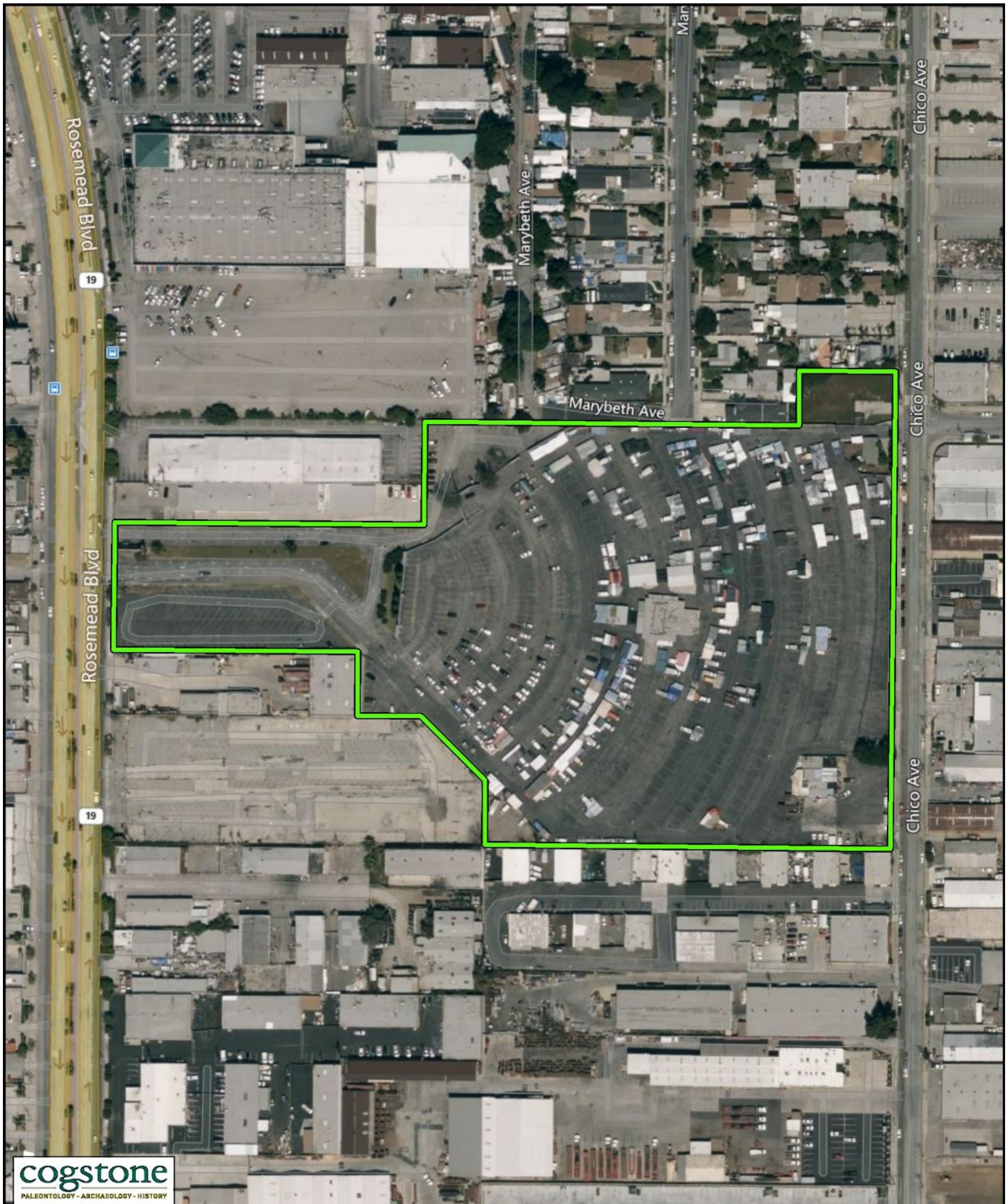


South El Monte Cottages
City of South El Monte
Los Angeles County, CA

Project Area

USGS 7.5' Quads:
EL MONTE

0 0.25 0.5 Miles
0 0.25 0.5 Kilometers
N
1:24,000 1 in = 2,000 ft



South El Monte Cottages
City of South El Monte
Los Angeles County, CA

Project Area

0 200 400 Feet
0 50 100 Meters
N
1:3,000
1 in = 250 ft

NATIVE AMERICAN HERITAGE COMMISSION

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

February 26, 2021

Cogstone Resource Management

Via Email to: cogstoneconsult@cogstone.com

Re: South El Monte Cottages Project, Los Angeles County

To Whom It May Concern:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were positive. Please contact the Gabrieleno Band of Mission Indians – Kizh Nation on the attached list for more information. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Los Angeles County
2/26/2021

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393
Covina, CA, 91723
Phone: (626) 926 - 4131
admin@gabrielenoindians.org
Gabrieleno

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693
San Gabriel, CA, 91778
Phone: (626) 483 - 3564
Fax: (626) 286-1262
GTTribalcouncil@aol.com
Gabrieleno

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231
Los Angeles, CA, 90012
Phone: (951) 807 - 0479
sgoad@gabrielino-tongva.com
Gabrielino

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame, Chairperson
P.O. Box 490
Bellflower, CA, 90707
Phone: (562) 761 - 6417
Fax: (562) 761-6417
gtongva@gmail.com
Gabrielino

Gabrielino-Tongva Tribe
Charles Alvarez,
23454 Vanowen Street
West Hills, CA, 91307
Phone: (310) 403 - 6048
roadkingcharles@aol.com
Gabrielino

Santa Rosa Band of Cahuilla Indians
Lovina Redner, Tribal Chair
P.O. Box 391820
Anza, CA, 92539
Phone: (951) 659 - 2700
Fax: (951) 659-2228
lsaul@santarosa-nsn.gov
Cahuilla

Soboba Band of Luiseno Indians
Joseph Ontiveros, Cultural Resource Department
P.O. BOX 487
San Jacinto, CA, 92581
Phone: (951) 663 - 5279
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov
Cahuilla
Luiseno

Soboba Band of Luiseno Indians
Scott Cozart, Chairperson
P. O. Box 487
San Jacinto, CA, 92583
Phone: (951) 654 - 2765
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov
Cahuilla
Luiseno

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed South El Monte Cottages Project, Los Angeles County.

APPENDIX E. SURVEY PHOTOS



Photo Key for Starlite Drive-In theater

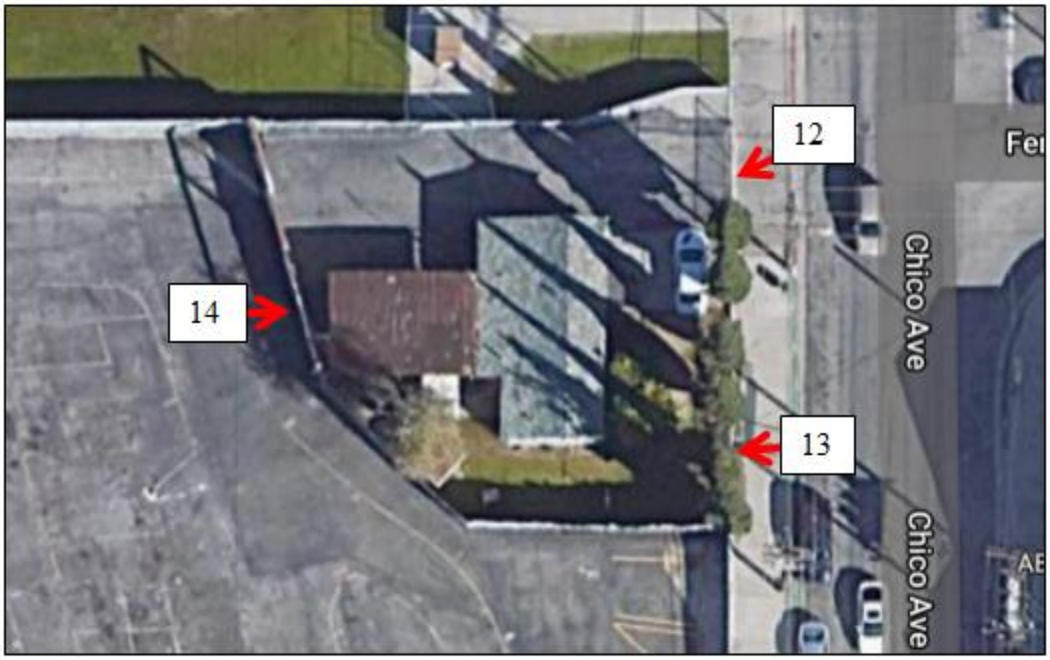


Photo Key for single family property at 2559 Chico Avenue



E-1. Starlite Drive-In theater sign, facing north



E-2. Starlite Drive-In theater sign, facing southwest



E-3. Starlite Drive-In theater sign, east elevation



E-4. Main entrance driveway, facing west towards Rosemead Boulevard



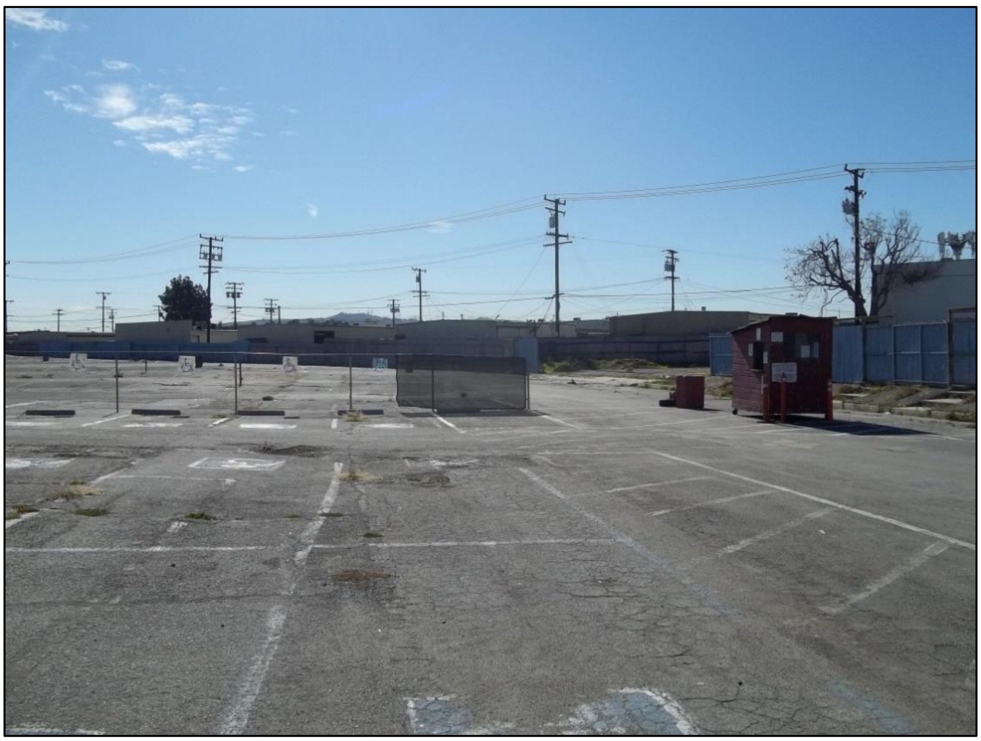
E-5. Location of projection screen, demolished in 1997, facing northwest



E-6. Overview of parking area, facing northeast



E-7. Location of Starlite Drive-In theater concessions stand and projection room (demolished), facing northeast



E-8. Overview of southwest segment of parking area



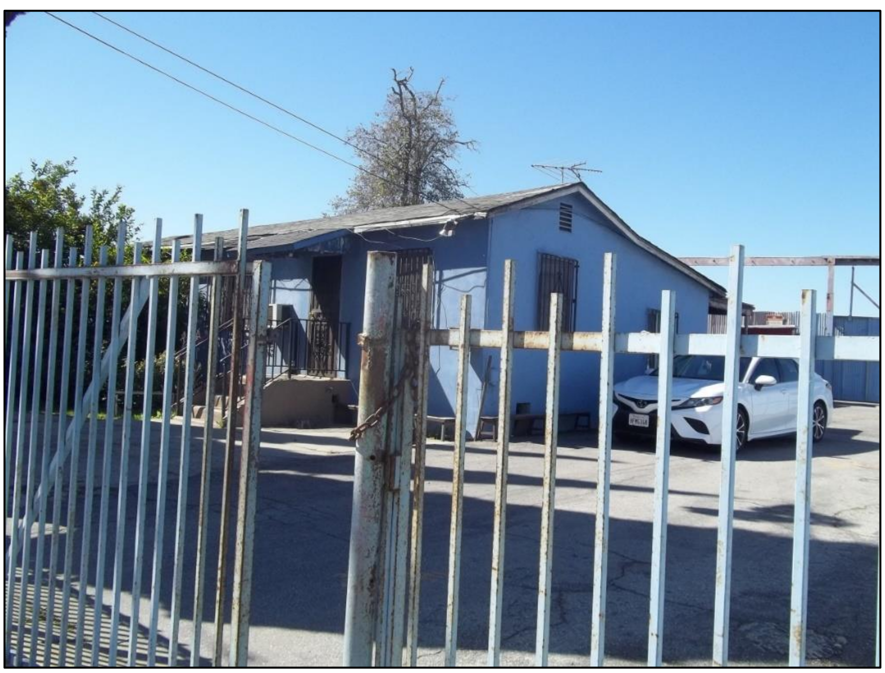
E-9. Overview of eastern section of parking area



E-10. Entrance/exit gate facing Chico Avenue



E-11. Exit to Rosemead Boulevard



E-12. West façade (left) and north elevation (right); photo taken March 2, 2021



E-13. South elevation of residence



E-14. Partial west elevation and wooden carport

APPENDIX F. PALEONTOLOGICAL SENSITIVITY RANKING CRITERIA

PFYC Description Summary (BLM 2016)	**PFYC Rank**
Very Low. The occurrence of significant fossils is non-existent or extremely rare. Includes igneous (excluding air-fall and reworked volcanic ash units), metamorphic, or Precambrian rocks. Assessment or mitigation of paleontological resources is usually unnecessary except in very rare or isolated circumstances that result in the unanticipated presence of fossils.	1
Low. Sedimentary geologic units that are unlikely to contain vertebrate or scientifically significant nonvertebrate fossils. Includes rock units less than 10,000 years old and sediments with significant physical and chemical changes (e.g., diagenetic alteration) which decrease the potential for fossil preservation. Assessment or mitigation of paleontological resources is not likely to be necessary.	2
Moderate. Units are known to contain vertebrate or scientifically significant nonvertebrate fossils, but these occurrences are widely scattered and/or of low abundance. Common invertebrate or plant fossils may be found and opportunities may exist for casual collecting. Paleontological mitigation strategies will be based on the nature of the proposed activity. Management considerations cover a broad range of options that may include record searches, pre-disturbance surveys, monitoring, mitigation, or avoidance. Surface-disturbing activities may require assessment by a qualified paleontologist to determine whether significant paleontological resources occur in the area of a proposed action, and whether the action could affect the paleontological resources.	3
High. Geologic units containing a high occurrence of significant fossils. Fossils must be abundant per locality. Vertebrates or scientifically significant invertebrate or plant fossils are known to occur and have been documented, but may vary in occurrence and predictability. Mitigation plans must consider the nature of the proposed disturbance, such as removal or penetration of protective surface alluvium or soils, potential for future accelerated erosion, or increased ease of access that could result in looting. Detailed field assessment is normally required and on-site monitoring or spot-checking may be necessary during land disturbing activities. In some cases avoidance of known paleontological resources may be necessary.	4
Very High. Highly fossiliferous geologic units that consistently and predictably produce vertebrate or scientifically significant invertebrate or plant fossils. Vertebrate fossils or scientifically significant invertebrate fossils are known or can reasonably be expected to occur in the impacted area. Paleontological resources are highly susceptible to adverse impacts from surface disturbing activities. Paleontological mitigation may be necessary before or during surface disturbing activities. The area should be assessed prior to land tenure adjustments. Pre-work surveys are usually needed and on-site monitoring may be necessary during land use activities. Avoidance or resource preservation through controlled access, designation of areas of avoidance, or special management designations should be considered.	5
Unknown. An assignment of “Unknown” may indicate the unit or area is poorly studied and field studies are needed to verify the presence or absence of paleontological resources. The unit may exhibit features or preservational conditions that suggest significant fossils could be present, but little information about the actual unit or area is known. Literature searches or consultation with professional colleagues may allow an unknown unit to be provisionally assigned to another Class, but the geological unit should be formally assigned to a Class after adequate survey and research is performed to make an informed determination.	U
Water or Ice. Typically used only for areas which have been covered thus preventing an examination of the underlying geology.	W, I

APPENDIX G. DPR 523 FORMS

 *Resource Name or #: 2559 Chico Ave. APN:8102-037-024 (Residence)

P1. Other Identifier:
P2. Location: ☐ **Not for Publication** ☒**Unrestricted**
a. County: Los Angeles
b. USGS 7.5' Quad: El Monte **Date:** **T** 1S; **R** 11W; **of Sec** 29 **; S.B.B.M.**
c. Address: 2559 Chico Ave. **City:** South El Monte **Zip:** 91733-1614
d. UTM: Zone: ; mE/ mN
e. Other Locational Data: **Elevation:**

P3a. Description:
This one story, single family residence was constructed ca. 1948. Information regarding this property is limited. Per the Los Angeles County Office of the Assessor, this residence shares the same Assessor's Parcel Number (APN) as the Starlite Drive-In theater (2540 Rosemead Blvd., built 1950). The residence has a low-pitched side gabled roof (covered in composition shingles) with a notable slope at the west elevation, giving it a Saltbox-esque style. The footprint of the building is mostly rectangular. The style of the doors and windows could not be determined as they were heavily obscured by metal security bars as well as access limitations. The main pedestrian door is elevated approximately 2 feet above ground level and is accessible by concrete steps with metal handrails. The primary door is located at the east façade and is flanked by one window to the north and one or two windows to the south. Two small windows are present on the north elevation with a louvered gable vent near the crest of the roof. (See Continuation Sheet)

P3b. Resource Attributes: HP2. Single family property
P4. Resources Present: ☒Building ☐Structure ☐Object ☐Site ☐District ☐Element of District ☐Other



P5b. Description of Photo: East and north elevation of residence. Taken March 2, 2021.

P6. Date Constructed/Age and Sources: ☒Historic ☐Prehistoric ☐Both
Ca. 1948; NETROnline historic aerials.

P7. Owner and Address:
California T.C. Group, LP
2559 N. Chico Avenue
South El Monte, CA 91733

P8. Recorded by:
Cogstone Resource Management, Inc.; 1518 W. Taft Ave., Orange, CA 92865

P9. Date Recorded:
March 2, 2021

P10. Survey Type:
Windshield survey

P11. Report Citation: Cultural and Paleontological Resources Assessment for The Starlite Residential Project, City of South El Monte, Los Angeles County, California. Prepared by: Sandy Duarte, B.A.; Shannon Lopez, M.A.; Kelly Vreeland, M.S. of Cogstone Resource Management, Inc.

Attachments: ☐NONE ☒Location Map ☐Sketch Map ☒Continuation Sheet ☒Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐ Other

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Single family property **B4. Present Use:** Single family property
***B5. Architectural Style:** Saltbox elements
***B6. Construction History:**
Due to limitation of information the exact build date of this property is not known. The first image depicting this building is a 1948 USDA aerial photograph (NETROnline 1948). The existing residence appears to be in its current condition with two or three ancillary buildings south of the residence. By 1952, one of the large ancillary buildings immediately south of the residence is demolished (FrameFinder 1952). In 1958, it appears the large wood-frame shelter immediately west of the resident is present (FrameFinder 1958). The two remaining ancillary buildings from the previous 1949 aerial photograph are demolished by this time as well. By 1968, the previous wood shelter at the west elevation of the residence is replaced by the current (larger) wood framed structure. By 1968, the tall wood fence of the adjacent Starlite Drive-In theater is erected at the west and southern boundaries of the residence. There appears to be no notable changes to the residence or the property boundary with the exception of the large trees at the eastern boundary of the property (trees are first visible in 2005; (NETROnline 2005)). There is a small shed located southwest of the residence; however, the age of this shed or when it first appeared on the property is not known.

***B7. Moved?** ☒**No** ☐**Yes** ☐**Unknown** **Date:** **Original Location:** ***B8. Related Features:**

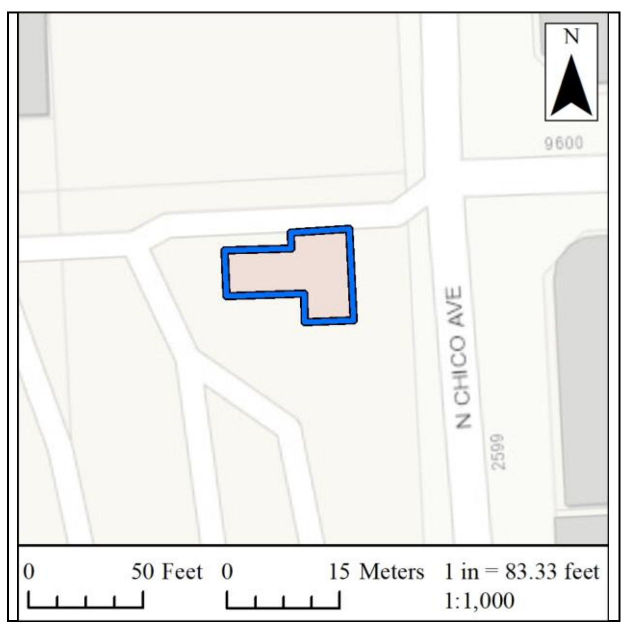
B9a. Architect: Unknown **b. Builder:** Unknown
***B10. Significance: Theme:** Residential Development **Area:** South El Monte
Period of Significance: ca. 1948-1976 **Property Type:** Single family property **Applicable Criteria:** N/A

This building is not appear to be associated with events that have made a significant contribution to the broad patterns of National, State, or local history, therefore, this building is recommended not eligible for listing under California Register of Historical Resources (CRHR) Criterion 1 or National Register of Historic Places (NRHP) Criterion A. This building does not appear to be associated with the lives of persons significant in our past, therefore, this building is recommended not eligible for listing under CRHR Criterion 2 or NRHP Criterion B. While the roof of the buildings has Saltbox-esque qualities, it is not an exemplary representation of this style, thus this building does not embody the distinctive characteristics of a type, period, or method of construction, that represent the work of a master, or possess high artistic values, therefore, this building is recommended not eligible for listing under CRHR Criterion 3 and NRHP Criterion C. The construction of this residence may predate modern trash services; however, there is a low possibility of significant subsurface deposits. Therefore, this building is recommended not eligible for listing in CRHR Criterion 4 or NRHP Criterion D.

B11. Additional Resource Attributes:
***B12. References:**
(See Continuation sheet)

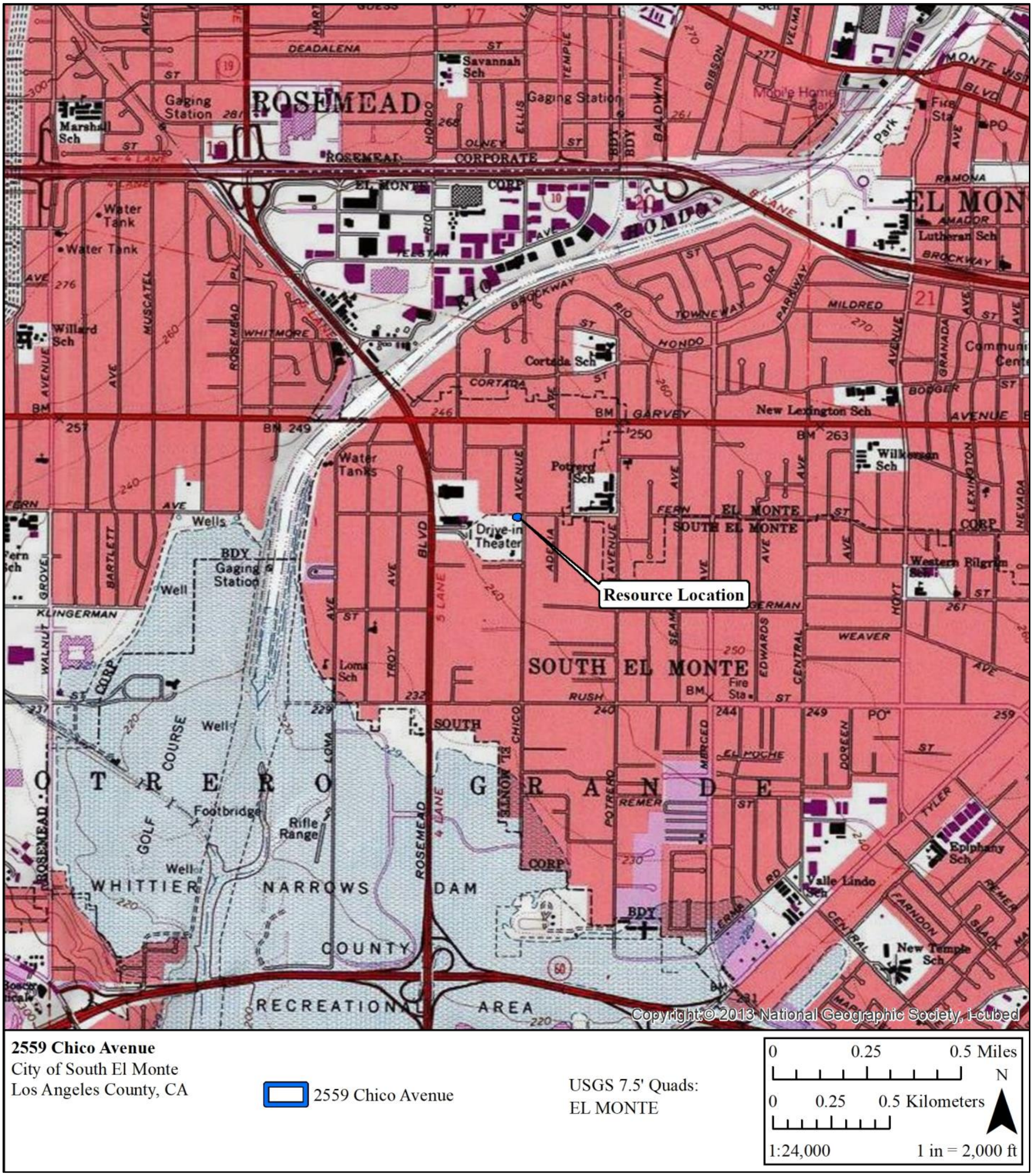
B13. Remarks:

***B14. Evaluator:** Shannon Lopez
***Date of Evaluation:** March 15, 2021



 ***Resource Name or #:** 2559 Chico Ave. APN:8102-037-024 (Residence)

Map Name: El Monte ***Scale:** 1:24,000 ***Date of Map:** 1994



P3a. Description
At the west elevation are two large sliding windows, a small one-over-one single hung window and a secondary pedestrian door. Due to access limitations, it was not clear if an additional window was present at the southern end of this elevation. A large wood framed shelter supported by multiple steel poles is adjacent but not attached to the west elevation. Two small windows and a louvered gable vent were present at the south elevation.

***B10. Significance Cont.:**
Integrity: This residence appears to retain its integrity of workmanship, materials, design, location, and association. Due to past development with the addition of commercial buildings, the construction of the Starlite Drive-In theater wood fence, and demolition of nearby ancillary and residential buildings this property has lost a substantial degree of its original feeling and setting.

***B12. References:**
FrameFinder
1952 "Flight AXJ_1952, Frame 13K-157_Nov 3, 1952". https://mil.library.ucsb.edu/ap_indexes/FrameFinder/. Accessed: March 15, 2021.
1958 "Flight C_23023, Frame 4-40_Jan 1 1958". https://mil.library.ucsb.edu/ap_indexes/FrameFinder/. Accessed: March 15, 2021.
1968 "Flight TG_2400, Frame 5-24_March 1, 1968". https://mil.library.ucsb.edu/ap_indexes/FrameFinder/. Accessed: March 15, 2021.

Los Angeles County Assessor Portal
n.d. "AIN: 8102-037-024". https://portal.assessor.lacounty.gov/parceldetail/8102037024. Accessed: March 15, 2021.

NETROnline
1948 "Historic Aerials". https://www.historicaerials.com/viewer. Accessed. March 15, 2021.
2005 "Historic Aerials". https://www.historicaerials.com/viewer. Accessed. March 15, 2021.

Photos Cont:



Starlite Drive-In theater access gate at the western boundary of the residential property, facing west



South end of residence. Shed located on left hand side (age unknown)



Shed (center; age unknown) and residence (right)



Wood framed shelter and west elevation of residence.

 ***Resource Name or #:** Starlite Drive-In Theater (APN: 8102-03-020, 022, and 024)

P1. Other Identifier:
P2. Location: ☐**Not for Publication** ☒ **Unrestricted**
a. County: Los Angeles
b. USGS 7.5' Quad: El Monte **Date:** 1994 **T :**3S; **R:** 13W**; of Sec** 19 **; S.B.B.M.**
c. Address: 2540 Rosemead Blvd. **City:** South El Monte **Zip:** 91733
d. UTM: Zone: ; mE/ mN
e. Other Locational Data: Elevation:

P3a. Description:
Designed by architect J. Arthur Drielsma, a specialist in drive-in theaters, this Streamline Moderne/Googie style drive-in opened on June 15, 1950 and remained in operation as a drive-in until the late 1990s. The facility currently includes its original sign, associated landscape features, and large, fan-shaped, parking lot (~900 car capacity). The original projection screen was demolished in 1997. As of late February/early March 2021, the concessions stand and projection booth have been demolished. The sign and main entrance/exit face west towards Rosemead Blvd., with a secondary entrance/exit at the east end of the property at Chico Ave. The drive-in is bound by Rosemead Blvd. to the west, Chico Ave. to the east, a residential and commercial area to the north, and a light industrial/commercial area to the south. The most notable feature remaining on the property is the 30-foot tall Streamline Moderne/Googie style sign. While the sign is in fair to poor condition due to age and some loss of materials, it still retains many of its original features and is a fine representation of 1950s art/architecture and history of American drive-ins.

P3b. Resource Attributes: HP10. Drive-in Theater
P4. Resources Present: ☐Building ☐Structure ☒Object ☐Site ☒District ☐Element of District ☐Other



P5b. Description of Photo: Starlite Drive-In sign; taken at Rosemead Blvd. facing north

P6. Date Constructed/Age and Sources: ☒Historic ☐Prehistoric ☐Both
1950; Per Los Angeles Assessors Office

P7. Owner and Address:
California T.C. Group, LP
2559 N. Chico Avenue
South El Monte, CA 91733

P8. Recorded by:
Cogstone Resource Management, Inc.; 1518 W. Taft Ave., Orange, CA 92865

P9. Date Recorded:
March 2, 2021

P10. Survey Type:
Intensive Pedestrian Survey

P11. Report Citation: Cultural and Paleontological Resources Assessment for The Starlite Residential Project, City of South El Monte, Los Angeles County, California. Prepared by: Sandy Duarte, B.A.; Shannon Lopez, M.A.; Kelly Vreeland, M.S. of Cogstone Resource Management, Inc.

Attachments: ☐NONE ☒Location Map ☐Sketch Map ☒Continuation Sheet ☒Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐ Other

B1. Historic Name: Starlite Drive-In
B2. Common Name: Starlite Swap Meet
B3. Original Use: Drive-In movie theater **B4. Present Use:** Swap Meet lot/ Vacant
***B5. Architectural Style:** Streamline Moderne with Googie style elements
***B6. Construction History:**

The Starlight Drive-In theater opened in South El Monte on June 14, 1950. The owners were veteran movie house owners Carl and Ford Bratcher. By 1951, operation of the facility was taken over by Pacific Theaters. Beginning in the 1950s, when not in use as a theater, the Starlite parking lot would host the local swap meet, now known as the Starlite Swap Meet (Guzman et al. 2020) (Renteria 2014). The original screen was demolished in 1997 and since then the grounds are used exclusively for swap meets. Despite the closure of the drive-in's original location, the Starlite Drive-In company still exists as a traveling pop-up theater complete with a large inflatable screen, projector, and high-grade FM transmitter (Maloney-Rames 2020). (See Continuation Sheet)

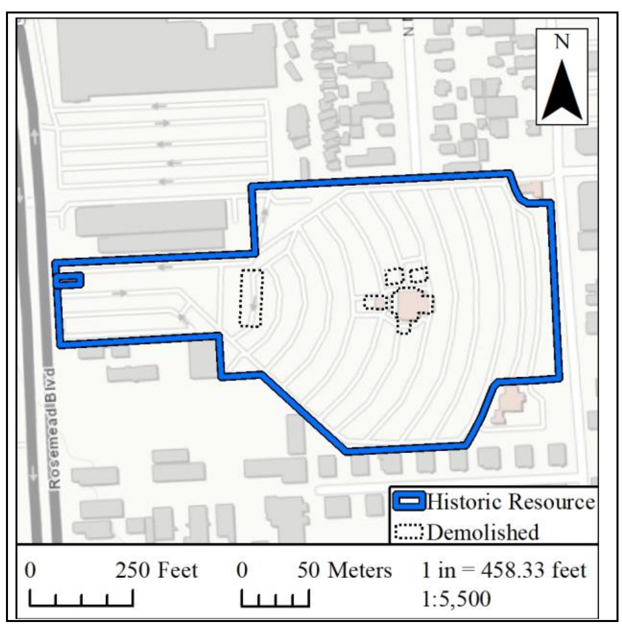
***B7. Moved?** ☒**No** ☐**Yes** ☐**Unknown** **Date:** **Original Location:**
***B8. Related Features:**
B9a. Architect: J. (Jonas) Arthur Drielsma **b. Builder:** Kennedy Engineering Company
***B10. Significance: Theme:** Drive-In Theater/ Post-war Car Culture **Area:** South El Monte, CA
Period of Significance: 1950-1997 **Property Type:** Theater **Applicable Criteria:** 1 and 3 (Sign only)

The Starlite Drive-In theater is associated with the Early/Mid-20th century Drive-In Theater period of American history which is intrinsically linked with Post-War American Car Culture. The Starlite was built during the first great wave of drive-in theaters following the end of World War II. The drive-in was an iconic experience for the average American family who could enjoy an outdoor film from the comfort of their own automobile. When the Starlite Drive-In first opened it was lauded as one of the largest drive-ins on the west coast with every "modern facility". Its illuminated sign was praised in a 1951 issue of the Boxoffice magazine as a fine example of an "attraction panel" to "catch the attention of patrons." Due to the demolition of the original projection screen in 1997 and the recent demolition of additional key features (the concessions stand and projection booth), the drive-in as a whole has lost a substantial degree of integrity of materials, workmanship, and design, and feeling. Therefore, as a whole the Starlite Drive-In is recommended not eligible for listing on either the National Register of Historic Places (NRHP) under Criterion A nor the California Register of Historic Resources (CRHR) under Criteria 1 due to a substantial loss of integrity. If the Starlite Drive-in retained its integrity of at least the concession stand and projection booth it would have been potentially eligible for listing in the CRHR under Criteria 1.. However, the Starlite Drive-In theater sign retains much of its integrity and association with its historic period of significance. The sign is also a local icon to the community of South El Monte and its image is often used to represent an important landmark within the city. While the sign does not rise to the level of NRHP eligibility is does meet the standards for listing in the CRHR. Therefore, the Starlite Drive-In sign is recommended eligible for individual listing in the CRHR under Criteria1 for its association with Drive-In Theater history in America. (Cont. on Continuation Sheet; page 6)

B11. Additional Resource Attributes:
***B12. References:**
(See Continuation Sheet)

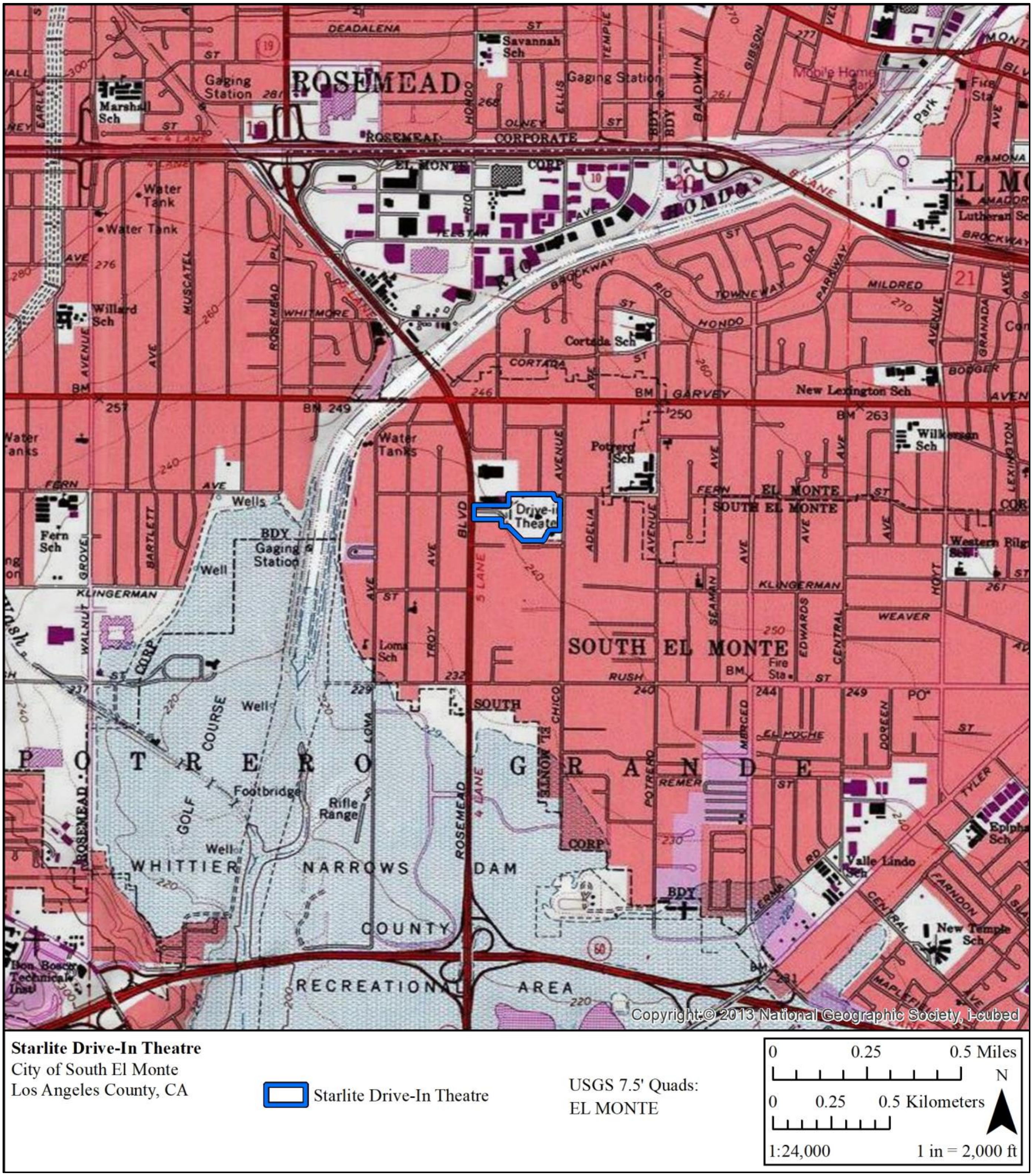
B13. Remarks:

***B14. Evaluator:** Shannon Lopez
***Date of Evaluation:** March 12, 2021



 ***Resource Name or #:** Starlite Drive-In Theater

Map Name: El Monte ***Scale:** 1:24,000 ***Date of Map:** 1991



***B6. Construction History Cont.:**
The Starlite Drive-In was designed by J. Arthur Drielsma and originally operated by brothers Ford and Carl Bratcher and Byron Congdon (Boxoffice 1950). The theater was built by the Kennedy Engineering Company. According to the 1951 Boxoffice article "Merchandising the Drive-In," the marquee at the Starlite Drive-In was installed by the Los Angeles office of B. F. Shearer; the sign letters are associated with the Wagner brand (this brand is still manufactured today). The sign was described as a "dramatic arrangement" complete with "flashing stars" (Boxoffice 1951). It is unclear if the large corrugated metal tower is original to the sign or not; however, a 1952 historic aerial (FrameFinder 1952) clearly depicts the tower casting a shadow at this time. Therefore, the tower is historic in age and its construction is within the early years of the drive-in's period of significance, thus the tower is considered an important character defining feature of the sign as a whole.

J. Arthur Drielsma (March 1, 1902- April 15, 1981)
Mr. Drielsma attended the University of Illinois in 1923 and then the School of F.A., Fontainbebleau, France that same year. He worked as a draftsman for Schmidt, Garden & Erickson from 1924-1925, Ralph C. Harris in 1926, and the B. Leo. Steif in 1927. He worked for the firm Sobel & Drielsma sometime until 1946 when he founded his own private firm J. Arthur Drielsma. The 1955 American Architects Directory notes that Mr. Drielsma was a listed member of the American Institute of Architects (AIA), Pasadena Chapter. The majority of Mr. Drielsma body of work includes commercial and light industrial buildings such as:

- Fiesta Four Drive-In (1949)
- Magnolia Drive-In (1950)
- Starlite Drive-In (1950)
- South Lamont Drive-In (1950)
- Sunland Drive-In (1950)
- Big Sky Drive-In Theatre (1951)
- Whittier Drive-In Theatre, (1952)
- Citizens National Bank, (1953)
- L.A. Mirada Drive-In Theatre, (1954)
- Edwards San Gabriel Drive-In Theater, & Roger Young Auditorium Rest, (1955)
- San Gabriel Drive-In (1955)
- Sky View Drive-In (1955)
- Smith's Ranch Drive-In/ Clemon's Drive-In (1956)
- Lancaster Drive-In (1956)
- Kailua Drive-In (1965)

Including the Starlite Drive-In, Mr. Drielsma is responsible for the design of at least <u>fourteen</u> drive-in movie theatres, the majority located in the State of California. Only the Starlite Drive-In (South El Monte, CA) and the Smith's Ranch Drive-In/Clemon's Drive-In (Twentynine Palms, CA) are known to remain, however, only the Smith Ranch Drive-In remains in operation as a drive-in theatre (Koyl 1955; *Cinema Treasures* n.d.)

Drive-In Movie Theatres
The drive-in movie theatre is an iconic symbol of 20th century American culture. Described as part movie theatre and part theme park, the drive-in melded America's growing car culture with their love of cinema. The origin of the first drive-in theatre in the United States can be traced back to chemical company tycoon Richard M. Hollingshead Jr. in the early 1930s. At the time of the Great Depression, Hollingshead deduced that the automobile and the movies were considered essentials to the American people. After much experimentation, he found it possible to broadcast movie audio from speakers while projecting a movie from a 16-millimeter projector onto a sheet spread between two trees in his yard (Skrdla 2014).

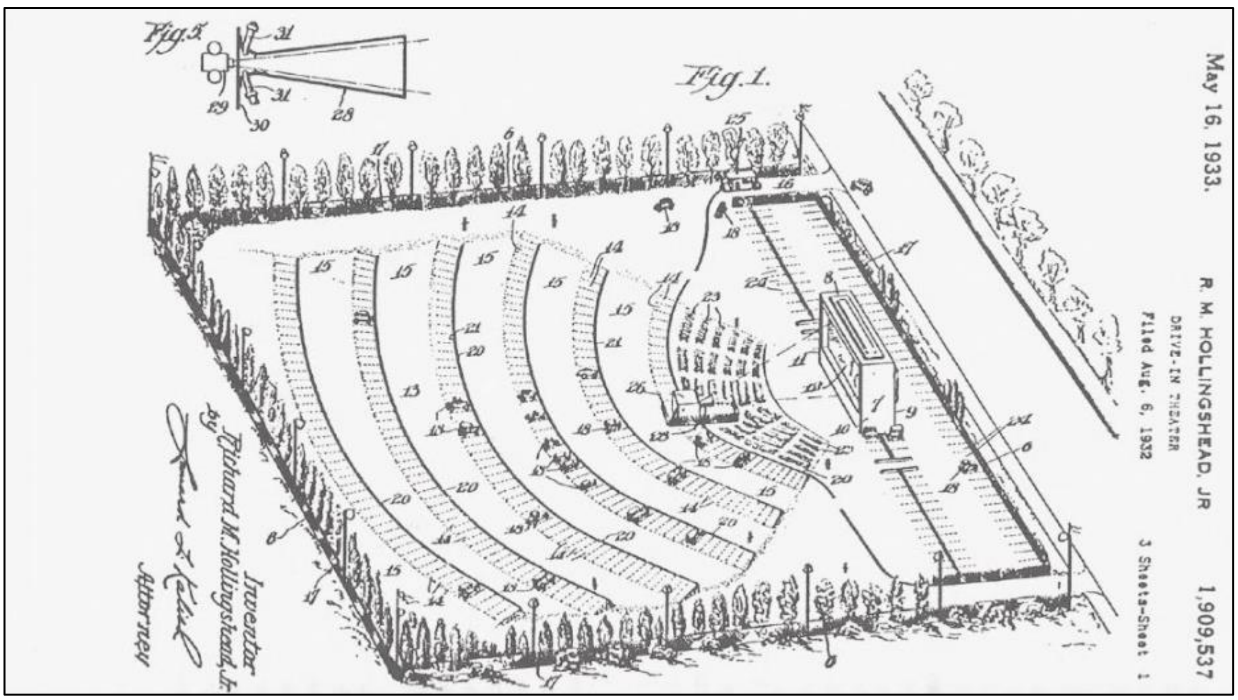
On August 6, 1932, Hollingshead filed a patent (No. 1,909,537) for a drive-in theatre and on June 6, 1933, opened the first drive-in, in New Jersey on Admiral Wilson Boulevard between Camden and Philadelphia. Key features of the drive-in include a large parking area, concession stand, large outdoor movie screen, and a projection booth. However, despite his patent, it was relatively simple for others to replicate and open their own drive-ins, although initial progress was slow. For the first few years the development of additional theatres was sluggish due to the Depression era

economy and the issues of fine tuning the technology to improve quality of projection and audio performance (Skrdla 2014).

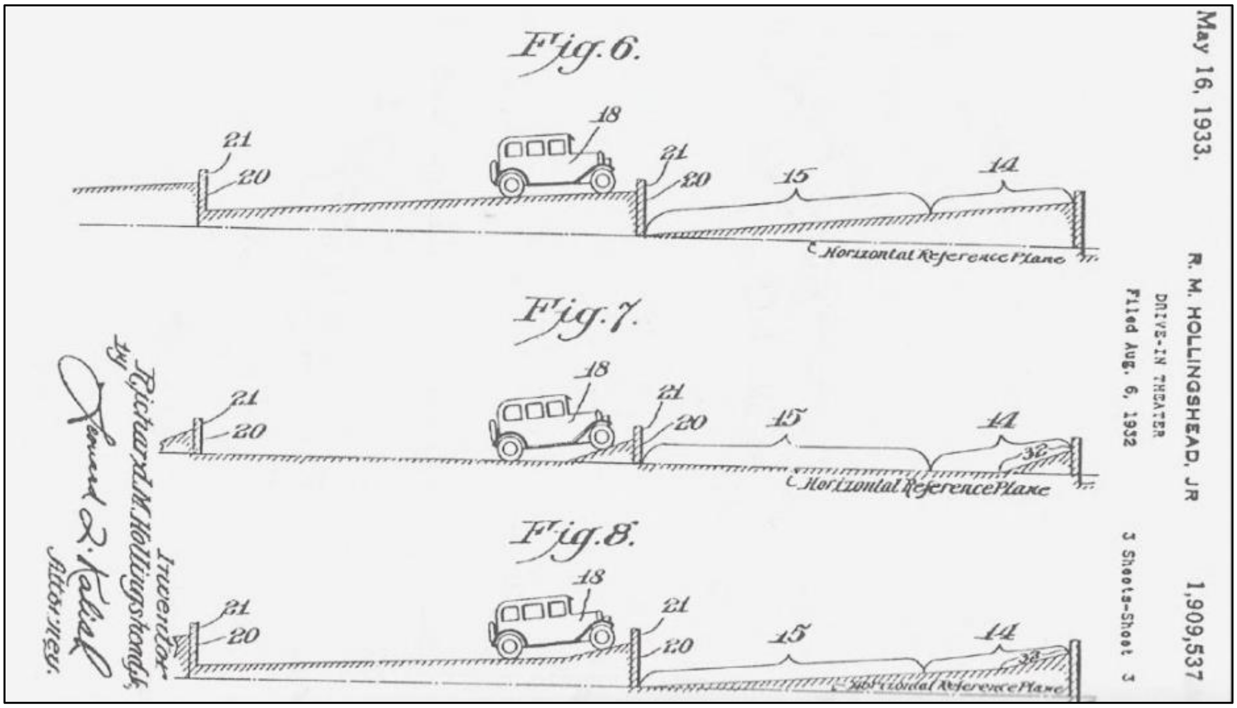
Upon the outbreak of World War II, drive-in construction came to a halt and would not continue until after 1945. During the postwar-era and the baby boom, drive-ins tripled from 100 locations pre-war to 300 by 1947. By 1950, an astounding rate of growth would reach 1,700 and climb to its peak (within the United States) to 3,700 locations by 1958 (Skrdla 2014).

To increase profits, drive-in owners endeavored to keep customers and their families on the property for as long as possible to encourage purchases at the concessions stand. Such attractions included playgrounds, petting zoos, picnic areas, etc. Mobil concessions carts would travel the lot offering food and beverages. Prior to dusk, activities such as beauty contests, dance competitions, and car rallies were also offered.

The 1950s and 1960s marked the height of drive-in popularity. The popularity of drive-ins was such that the film industry at the time evolved to produce films specifically tailored to outdoor viewing venues (*The Blob* 1958 and *Night of the Living Dead* 1968). However, with the growing popularity of home television and increasing gas prices, attendance experienced a substantial decline during the 1970s (Skrdla 2014).



Hollingshead's Drive-In patent (Skrdla 2014)



Hollingshead's ramp design (Skrdla 2014)

***B10. Significance Cont. (see page 2):**
Criteria of Eligibility Cont.
The Starlite Drive-In does not appear to be associated with the lives of persons significant in our past; therefore, it is recommended not eligible for listing under NRHP Criterion B or CRHR Criteria 2.

The Starlite Drive-In Theatre is associated with the work of experienced and respected California architect J. Arthur Drielsma, whose name is credited for the design of at least fourteen drive in movie theatres, the majority located in the State of California. Only two drive-ins design by Mr. Drielsma remain, one of them being the Starlite Drive-In. Mr. Drielsma's design of the Starlite Drive-In incorporated key features and design from the original drive-in theatre patented by Richard M. Hollingshead Jr. in 1932 (exhibited by the fan-shaped parking arrangement, vehicle ramp, and a single large projection screen). As the integrity of the drive-in has been negatively impacted to a substantial degree due to recent demolition, the Starlite Drive-In as a whole is recommended not eligible for listing in either the NRHP under Criteria C or the CRHR under Criterion 3. However, the Starlite Drive-In sign retains much of its integrity and is a fine example of Streamline Modern/Googie style which was prevalent at the time of its conception. It is also an excellent representation of the artistic esthetic of 1950s America and of the surviving work of J. Arthur Drielsma. While the sign does not rise to the level of NRHP eligibility it does meet the standards for listing in the CRHR. Therefore, due to its association with the architect J. Arthur Drielsma and Streamline Modern/Googie style, the Starlite Drive-In sign is recommended individually eligible for listing in the CRHR under Criteria 3.

The Starlite Drive-In has not yielded, nor has the potential to yield, information important to the prehistory or history of the local area, California, or the nation; therefore it is recommended not eligible for listing under neither the NRHP Criterion D nor the CRHR Criteria 4.

Integrity
The Starlite Drive-In Theatre has lost substantial integrity with the demolition of the original projection screen, concessions stand, and projector room. Therefore, the site as a whole is recommended not eligible for listing on either the National Register of Historic Places (NRHP) or the California Register of Historicical Resources (CRHR). However, the drive-in theatre's original sign is recommended individually eligible for listing in the CRHR despite the loss of some

integrity of materials, workmanship, and design. Per OHP guidance, the Starlite Drive-In sign represents a significant period of American history regarding Early/Mid-20th century drive-in movie theatres coupled with America's post-war car culture. The sign retains key features such as its Streamline Moderne free-flowing design (emulating the shape/form of late 1940s automobiles), Googie style starbursts, H Channel Lettering spelling "Starlite," changeable copy panels, corrugated metal clad towers, corrugated metal skirts, and three matching corrugated metal support piers. Despite the loss of many of its illuminated stars and "Drive-In" lettering, the sign as whole is still recognizable when compared to the 1949 and 1950 photographs.



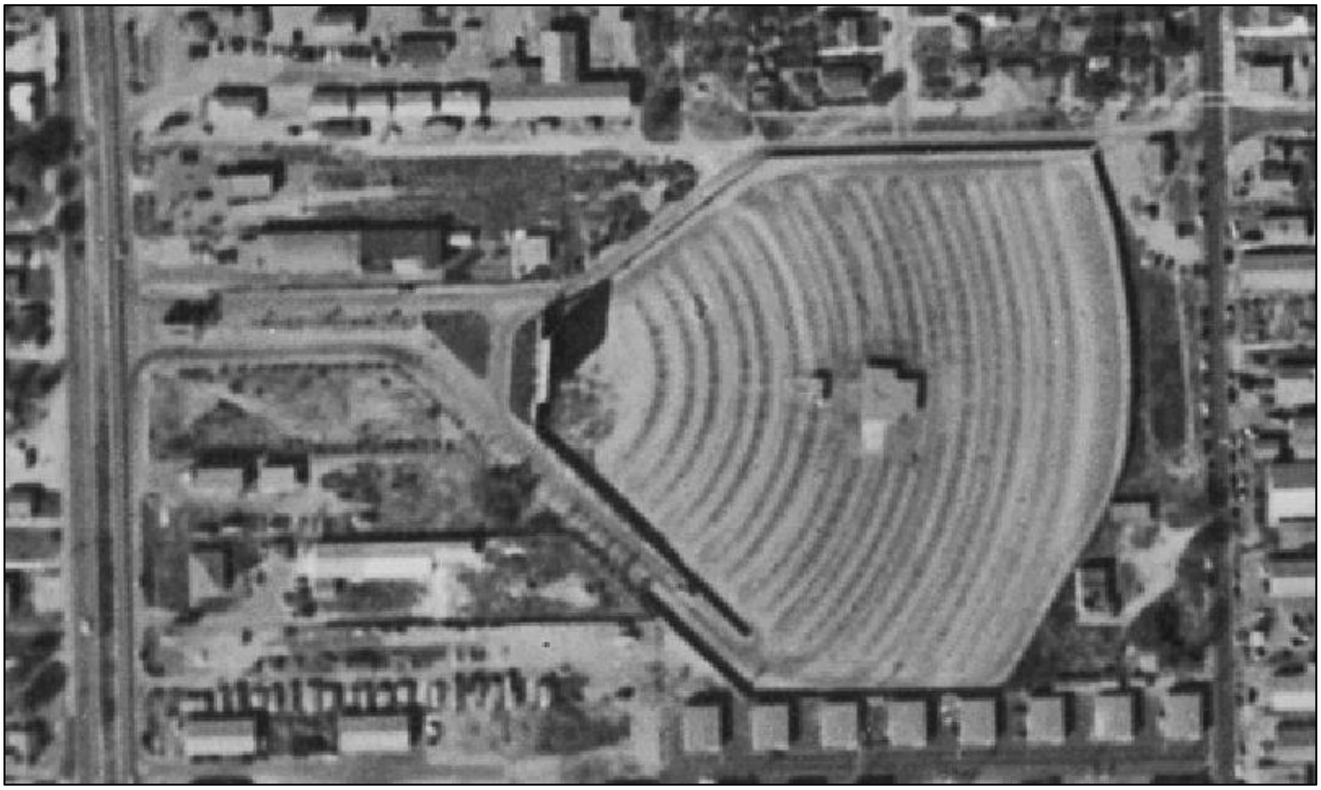
Pauline Drielsma (left), Jonas Arthur Drielsma (right); Date unknown (Geni 2021)



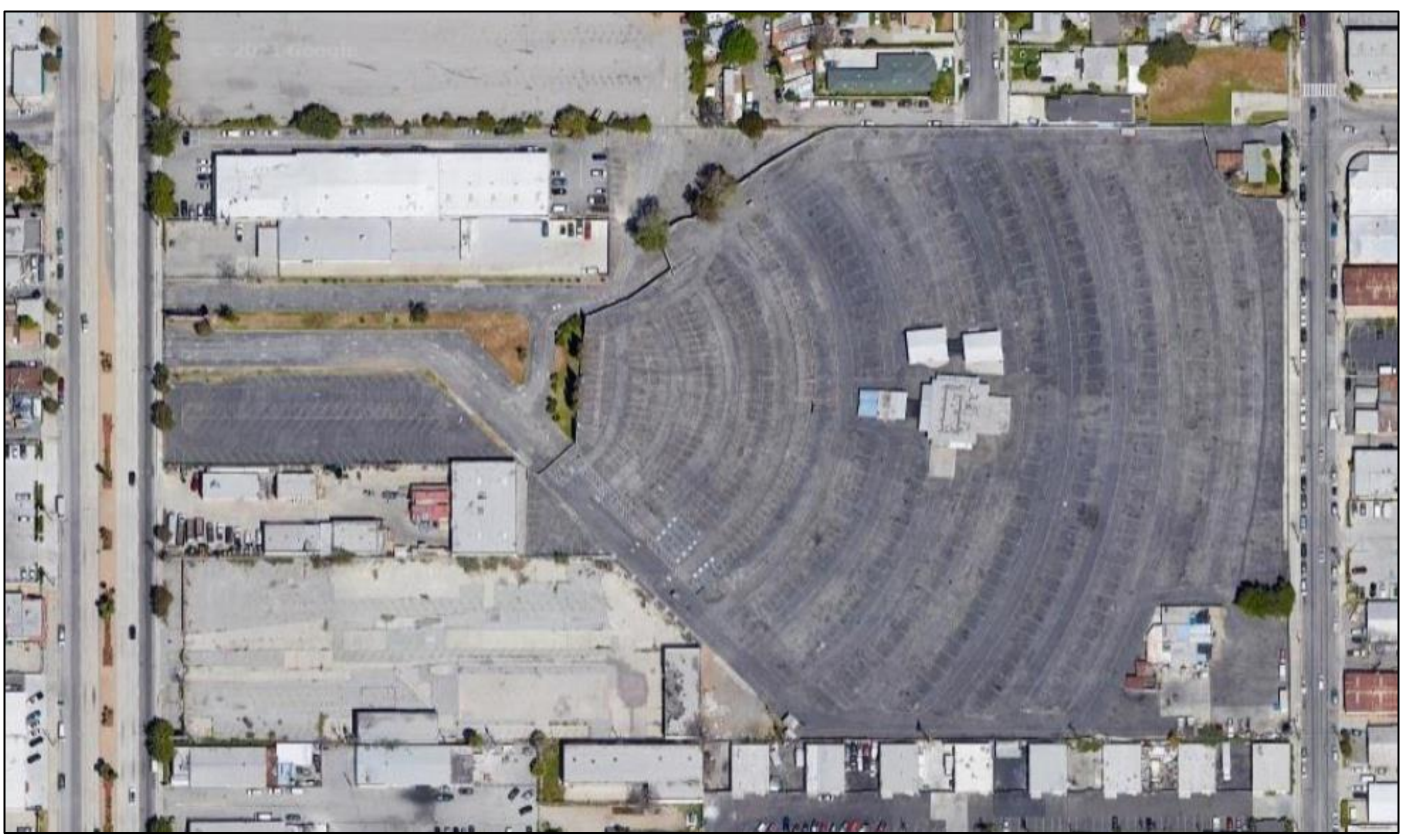
1951 Starlite Drive-In Theatre sign (Boxoffice 1951)



Starlite Drive-In sign just prior to completion, 1949 (Courtesy of Vintage Roadside)



Aerial of Starlite Drive-In, November 3, 1952 (FrameFinder 1952)



Aerial of Starlite Drive-In, ca. 2020 (Google maps 2021)

Hit Films Will Open Sleek Drive-in Theater Tonight

EL MONTE—The big star on the Starlite Drive-in theater's 30-foot neon sign twinkles tonight for the first time.

With a car capacity of more than 900, the theater opens exactly four months after construction was started.

The first El Monte screening of John Ford's "Wagonmaster" will help make Starlite's grand opening a success. Ben Johnson and Joanne Dru are co-starred in the hit feature. The Bowery Boys will cavort in their latest comedy hit, "Lucky Loser," in the second feature.

The theater, covering nearly 15 acres at 2560 North Rosemead boulevard, is one of the largest drive-ins on the West Coast.

Two veteran movie house operators are the owners. Carl and Ford Bratcher, who formerly operated an indoor theater at Riverside, are running their first drive-in.

"The Starlite Drive-in will play the latest pictures from all major studios," says Ford. "It will oper te on a double feature policy, with regular drive-in theater prices and all children up to 12, accompanied by their parents, will be admitted free."

Kennedy Engineering Company of San Bernardino built Starlite, and although the job was done fast none of the latest drive-in facilities was overlooked.

Motorists will be pleased to know that Starlite has two entrances so that cars may enter either from the Rosemead side or from the rear on Chico street. The traffic flows through one main box office and space outside the main theater will park 500 cars.

Los Angeles architect J. Arthur Drielsma designed Starlite. Drielsma has supervised construction and designed many drive-ins in Southern California.

The most modern motiograph sound equipment has been installed at Starlite. The huge screen shines a "picture" 65x48 feet. A loud speaker system in the snack bar enables patrons to watch the films from there. Designed in robin's-egg blue, the snack bar is large and beautifully decorated.

As a final touch, a completely equipped playground for the children will be built in front of the screen.

La Grange Picnickers Will Gather Saturday

La Grange Association will hold its annual picnic Saturday, in Brookside Park. Members are asked to bring their own lunches; ice cream and coffee will be provided.

Announcement of Starlite Drive-In Opening. *Pasadena Independent*, June 15, 1950; page 61



Advertisement for Starlite Drive-In. "The Showplace of El Monte". *Corvina Argus*, Oct. 13, 1950; page 10

Thursday, February 18, 1969

Starlite Sets Movie Contest

The largest number of 'phone calls ever received about any motion picture are currently keeping the staff busy at the Starlite Drive-In theater, Twentynine Palms, answering inquiries about "The Amazing Transparent Man" and MCP's "Million-Dollar Movie I. Q. Contest."

Theater manager Bill Underhill estimated today that he is receiving from five to 20 'phone calls per hour.

Theatergoers are eligible for 50,000 prizes which range from puppy dogs to mink coats.

The contest is scheduled for one week at the Starlite Drive-In, Feb. 24-March 1. The theater will pass out free official contest entry cards. Patrons may take them home, fill them out and mail them in. Judges are members of the famous Antelope Valley Woman's Club at Lancaster, members of the National Federation of Woman's clubs.

Movie contests at Starlite Drive in. *Hi-Desert Star*. February 18, 1969; page 5



1. Starlite Drive-In sign, facing north



2. Starlite Drive-In sign, facing southwest



3. Starlite Drive-In sign, east elevation



4. Main entrance driveway, facing west towards Rosemead Blvd.



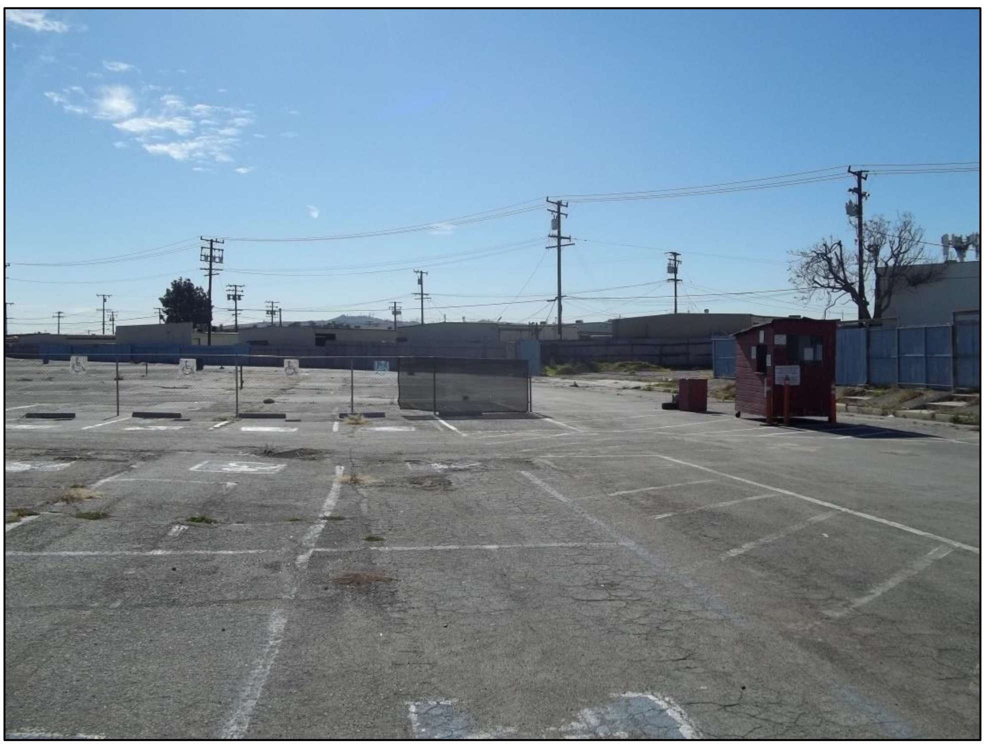
5. Location of projection screen, screen demolished in 1997, facing northwest



6. Overview of parking area, facing northeast



7. Location of Starlite Drive-In concessions stand and projection room (demolished), facing northeast



8. Overview of southwest segment of parking area, facing southeast



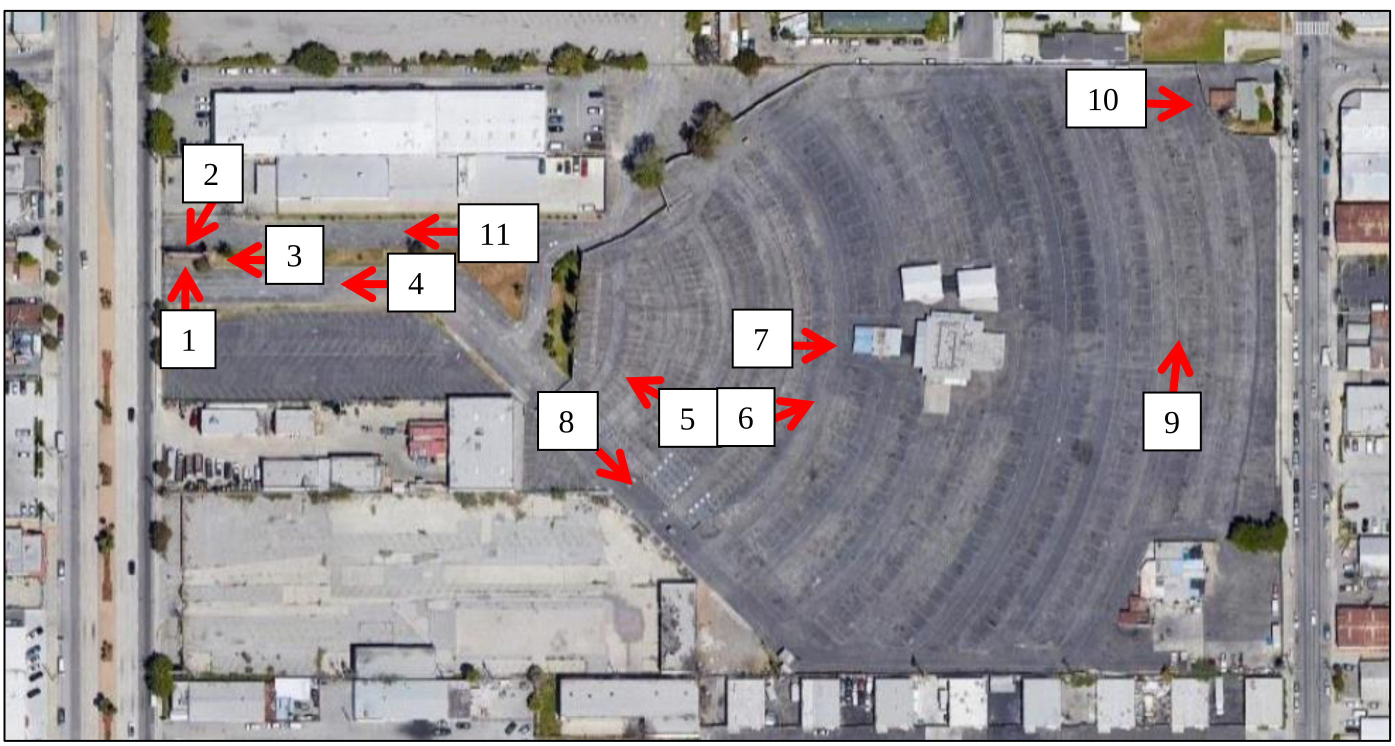
9. Overview of eastern section of parking area, facing north



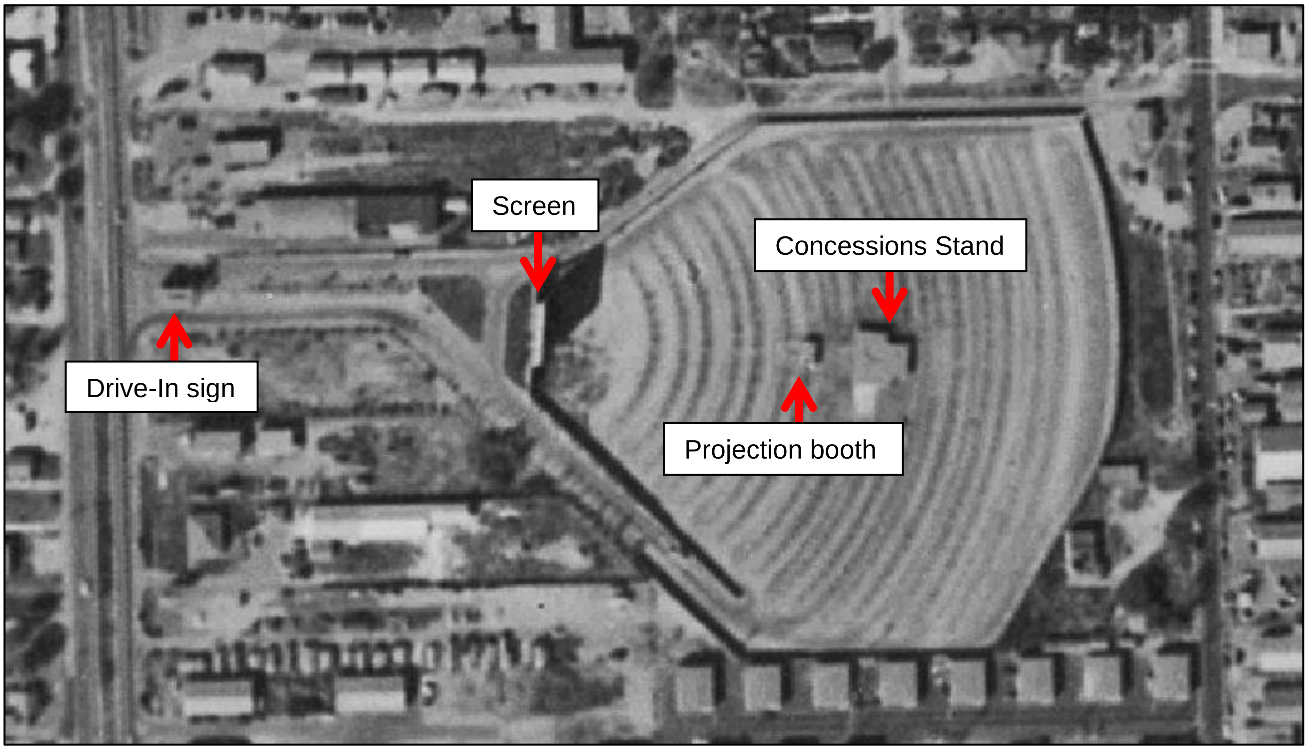
10. Secondary entrance/exit gate facing Chico Ave.



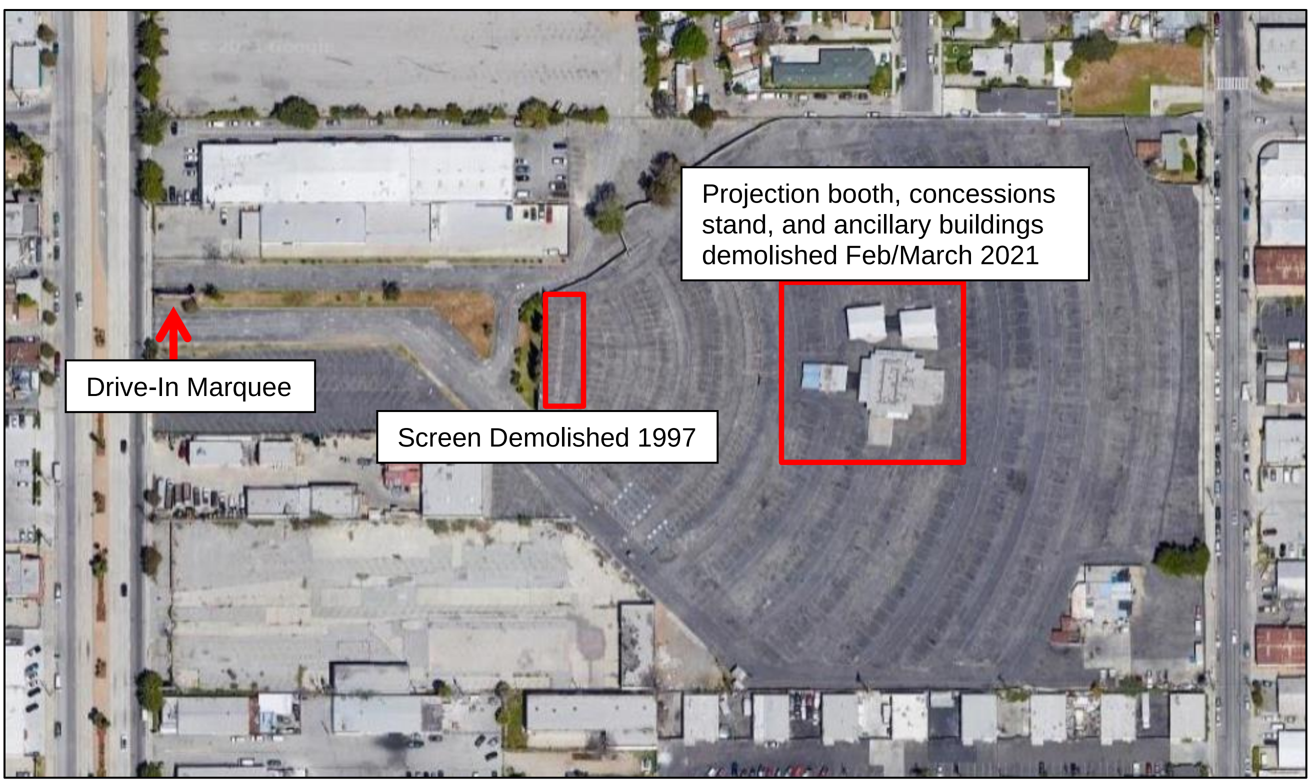
11. Exit to Rosemead Blvd.



March 2, 2021 Survey Photo Key



Aerial of Starlite Drive-In, November 3, 1952 (FrameFinder 1952)



Aerial of Starlite Drive-In, ca. 2020 (Google maps 2021)

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Appendix C-b Cultural and Paleontological Report Mitigation Measures

Appendix

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cogstone
PALEONTOLOGY - ARCHAEOLOGY - HISTORY

July 9, 2021 (revised) Cogstone 5217

To: Dina El Chammas Gass, PE
From: John Gust, PhD, RPA
Re: Mitigation Measures for the Cultural and Paleontological Resources Assessment for the Starlite Residential Project, City of South El Monte, Los Angeles County, California

This study was conducted to determine the potential impacts to cultural and paleontological resources during the Starlite Residential Project (Project) in the City of South El Monte (City; Figure 1), Los Angeles County, California.

As a result of this study, the Starlite Drive-In theater sign (constructed in 1950) is recommended eligible for individual listing on the California Register of Historic Resources (CRHR) under Criteria 1 and 3. The sign is important for its historical association with drive-in movie theaters and car culture in the United States. It is also an excellent example of a Streamline Modern/Googie style theater sign and work of an important architect, J. (Jonas) Arthur Drielsma. The sign is a key element of the Starlite Drive-In theater; the theater as a whole has lost integrity due to demolition of important features, but the sign remains significant in its own right as a freestanding historic resource and retains much of its integrity.

The following includes recommended mitigation measures intended to provide guidance for the future treatment of the Starlite Drive-In theater sign and cultural resources (archaeological) monitoring. These measures incorporate National Park Service U.S. Department of the Interior standards, local ordinances for the treatment of historic properties for the City of South El Monte, and requirements under the California Environmental Quality Act (CEQA).

Mitigation Measures

CUL-001: Prior to the beginning of ground disturbances, the project proponent shall retain an archaeologist meeting Secretary of the Interior Standards (SOI) to oversee spotcheck cultural resources monitoring of all excavations two feet and deeper within the project area. Spotchecks should occur weekly on average, and no less often than once every seven days that ground disturbance occurs. If a cultural object is uncovered the qualified monitor shall be empowered to temporarily redirect work away from the find while it is evaluated. Work can continue a minimum of 50 feet away from the find. For finds that are not significant, work may resume immediately after the find is documented and removed. If a find is significant, a mitigation plan must be developed, and mitigation completed, prior to work continuing within the 50-foot cordon.

CUL-002: Prior to the beginning of ground disturbances, the qualified monitor will give a short Worker Environmental Awareness Program training presentation prepared by the SOI qualified supervising archaeologist to all construction staff. This presentation will inform construction personnel what cultural

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resources may be uncovered during the ground-disturbing phases of the project and what to do who to in case of a find.

CUL-003. Prior to any rehabilitation, restoration, or relocation, a thorough documentation of the sign, similar to a HABS/HAER report, will be completed. This report will document the sign's materials, design, character defining features, measurements, and condition of materials. This report will be used to track changes of the sign and provide a guide for future repair work. Copies will be submitted to one local and one state repository. Restoration, movement, and other handling of the Starlite Drive-In sign will be documented as an update to the Department of Parks and Recreation (DPR) record for the sign by the qualified architectural historian if restored, or similarly qualified personnel of the recipient organization if donated, and filed at the South Central Coastal Information Center and at a local library or historical society.

CUL-004: The project proponent shall preserve, restore, or rehabilitate the Starlite Drive-In sign, including all historic components, in accordance with the Secretary of the Interior standards based on guidance in NPS Technical Brief 25, The Preservation of Historic Signs https://www.nps.gov/tps/how-to-preserve/briefs/25-signs.htm. To this end, the proponent shall retain a qualified architectural historian to develop a treatment plan for the work detailing a general timeline, changes to be made to the sign, which tasks are anticipated to be completed off-site (e.g. welding, soldering, glasswork), and to oversee the work. Following approval of the HABS/HAER similar documentation, the qualified architectural historian will ensure that the materials are placed on file with the City of South El Monte and responsible agencies, historical societies and preservation groups, local university and community libraries, and other appropriate national and local repositories and archives, as identified by the City of South El Monte. The qualified architectural historian will prepare a brief report detailing the restoration process to show compliance with standards in NPS Bulletin 25.

CUL-005: The Starlite Drive-In sign may be moved a short distance, so long at it remains within the property boundaries of the drive-in and remains highly visible from Rosemead Boulevard. Alternatively, the sign may be donated to a local historical society for eventual restoration and display. In either case the sign shall be moved by a construction company experienced in handling historic building and structures. The move shall be supervised by the qualified architectural historian, in case of restoration, or recipient organization, in case of donation.

This mitigation measure pertains to movement of the sign from its current location to an eventual new final location. Temporary removal of portions of the sign for repair, refurbishment, or replication is anticipated to be necessary, and will be covered in the treatment plan.

Options

The following definitions for preservation, rehabilitation, restoration, and reconstruction of historic resources are provided by the National Park Service U.S. Department of the Interior.

Preservation is defined as the act or process of applying measures necessary to sustain the existing form, integrity, and materials of an historic property. Work, including preliminary measures to protect and stabilize the property, generally focuses upon the ongoing maintenance

and repair of historic materials and features rather than extensive replacement and new construction. New exterior additions are not within the scope of this treatment; however, the limited and sensitive upgrading of mechanical, electrical, and plumbing systems and other code-required work to make properties functional is appropriate within a preservation project.

Rehabilitation is defined as the act or process of making possible a compatible use for a property through repair, alterations, and additions while preserving those portions or features which convey its historical, cultural, or architectural values.

Restoration is defined as the act or process of accurately depicting the form, features, and character of a property as it appeared at a particular period of time by means of the removal of features from other periods in its history and reconstruction of missing features from the restoration period. The limited and sensitive upgrading of mechanical, electrical, and plumbing systems and other code-required work to make properties functional is appropriate within a restoration project.

Reconstruction is defined as the act or process of depicting, by means of new construction, the form, features, and detailing of a **non-surviving** [emphasis Cogstone] site, landscape, building, structure, or object for the purpose of replicating its appearance at a specific period of time and in its historic location.

Reconstruction is different from the other treatments in that it is undertaken when there are often no visible historic materials extant or only a foundation remains. Because of the potential for historical error in the absence of sound physical evidence, this treatment can be justified only rarely and, thus, is the least frequently undertaken of the four treatments.

Option 1

- Resource will remain *in situ*.
    - If the resource remains *in situ* it will retains its integrity of location.
- The owner, occupant, or other person in actual charge of the resource may implement either NPS U.S. Department of the Interior standards for Preservation, Rehabilitation, or Restoration.

Option 2

- Resource is moved within the property boundaries of the Starlite Drive-In Theater but will remain highly visible from Rosemead Blvd.
    - Moving the resource from its current location will result in a notable loss of integrity of location; however, if the resource remains highly visible and adjacent to Rosemead Blvd. then a total loss of location will be avoided as the original function of the sign was to advertise the Starlite Drive-In to passing motorists.
- The owner, occupant, or other person in actual charge of the resource may implement either NPS U.S. Department of the Interior standards for Preservation, Rehabilitation, or Restoration.

Option 3

Option 3 is recommended only as a last resort in the event that the current owner expresses no desire to maintain or otherwise preserve the Starlite Drive-In theater sign.

- The resource will be donated to a local historical society or agency as approved by the South El Monte Department of Community Development.
    - Moving the resource off of the property boundaries of the Starlite Drive-In theater will result in a total loss of the sign's integrity of location, setting, and association.
- The owner, occupant, or other person in actual charge of the resource may implement either NPS U.S. Department of the Interior standards for Preservation, Rehabilitation, or Restoration.

South El Monte Historic Preservation Ordinance (2011)

<u>17.78.060 Designation Criteria</u>

For the purpose of this chapter, an improvement may be designated a landmark by the city council, and any area within the city may be designated an historic district by the city as hereinafter provided if it meets the following criteria:

A. It exemplifies or reflects special elements of the city's cultural, social, economic, political, aesthetic, engineering, or architectural history; or
B. It is identified with persons or events significant in local, state, or national history; or
C. It embodies distinctive aesthetic characteristics of a style, type, period, or method of construction, or is a valuable aesthetic example of the use of indigenous materials or craftsmanship; or
D. It is representative of the notable aesthetic work of a builder, designer or architect. (Ord. 963§39(part), 1995; Ord. 822 §1(part), 1989)

<u>17.78.120 Maintenance and Repair</u>

A. Nothing in this chapter shall be construed to prevent the ordinary maintenance or repair of any exterior architectural feature in or on any property covered by this chapter that does not involve a change in design, material or external appearance thereof, nor does this chapter prevent the construction, reconstruction, alteration, restoration, demolition, or removal of any such feature when the building officer certifies to the commission that such action is required for the public safety due to an unsafe or dangerous condition which cannot be rectified through the use of the California Historical Building Code.

B. The owner, occupant or other person in actual charge of a designated landmark , or an improvement, building or structure in an historic district shall keep in good repair all of the exterior portions of such improvement, building or structure, all of the interior portions thereof when subject to control as specified in the designating ordinance or permit, and all interior portions thereof whose maintenance is necessary to prevent deterioration and decay of any exterior architectural feature.

C. It shall be the duty of the department of community development and the building official to enforce this section. Where the owner of a designated landmark has been ordered by the city to make necessary repairs, but has failed to do so, the city may make improvements necessary for the maintenance of the landmark and charge the cost of those repairs to the owner as a lien upon his property. (Ord. 963 §39(part), 1995; Ord. 822 §1(part), 1989)

Appendix D-a Traffic Impact Analysis

Appendix

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iteris®

Starlite Development
Traffic Impact Analysis
Draft Report

June 9 2021

Submitted to:

10045 | Prepared by **Iteris, Inc.**

TABLE OF CONTENTS

TABLES

FIGURES

1 INTRODUCTION

This report summarizes the results of a traffic analysis for the proposed Starlite Development housing project, hereinafter referred to as the ”project”, located at 2540 Rosemead Boulevard in the City of South El Monte. This report provides detailed information concerning the methodology, findings, and conclusions of the traffic analysis. Six (6) existing intersections in the vicinity of the project site were analyzed, in addition to two (2) intersections that will provide driveway access to the project site, for a total of eight (8) project intersections. This traffic analysis evaluates the effect of project trips on existing traffic conditions and on project opening year 2023 traffic conditions, taking into account growth in traffic due to other known development projects in the surrounding area as well as overall ambient growth in background traffic.

1.1 Project Description

The proposed project consists of a housing development containing a total of 207 housing units, with a mix of 38 multi-family housing units and 169 detached single-family housing units. The project site is currently a large asphalt lot with a minor structures and is occupied by the Rosemead Swap Meet, which itself occupies the grounds of the former Starlite Drive-In Theater. The Starlite Drive-In Theater sign on Rosemead Boulevard that now serves as a marquee for the Rosemead Swap Meet is planned to be preserved, rehabilitated, and used for the project.

Access to the project site will be provided at two locations, one an existing driveway on Rosemead Boulevard that currently provides access to the west, as well as a future driveway on Chico Avenue south of Fern Street that will provide access to the east. As stated by City staff, unless the project is going to petition the City for a cut in the median on Rosemead Boulevard, the west driveway will allow for only right turns into and out of the project site. However, the east driveway on Chico Avenue will allow right and left turns both into and out of the project site. **Figure 1** shows the project site plan.

1.2 Study Area

The proposed study area for analysis includes the following eight (8) intersections in the vicinity of the project site, two of which are driveways for the project:

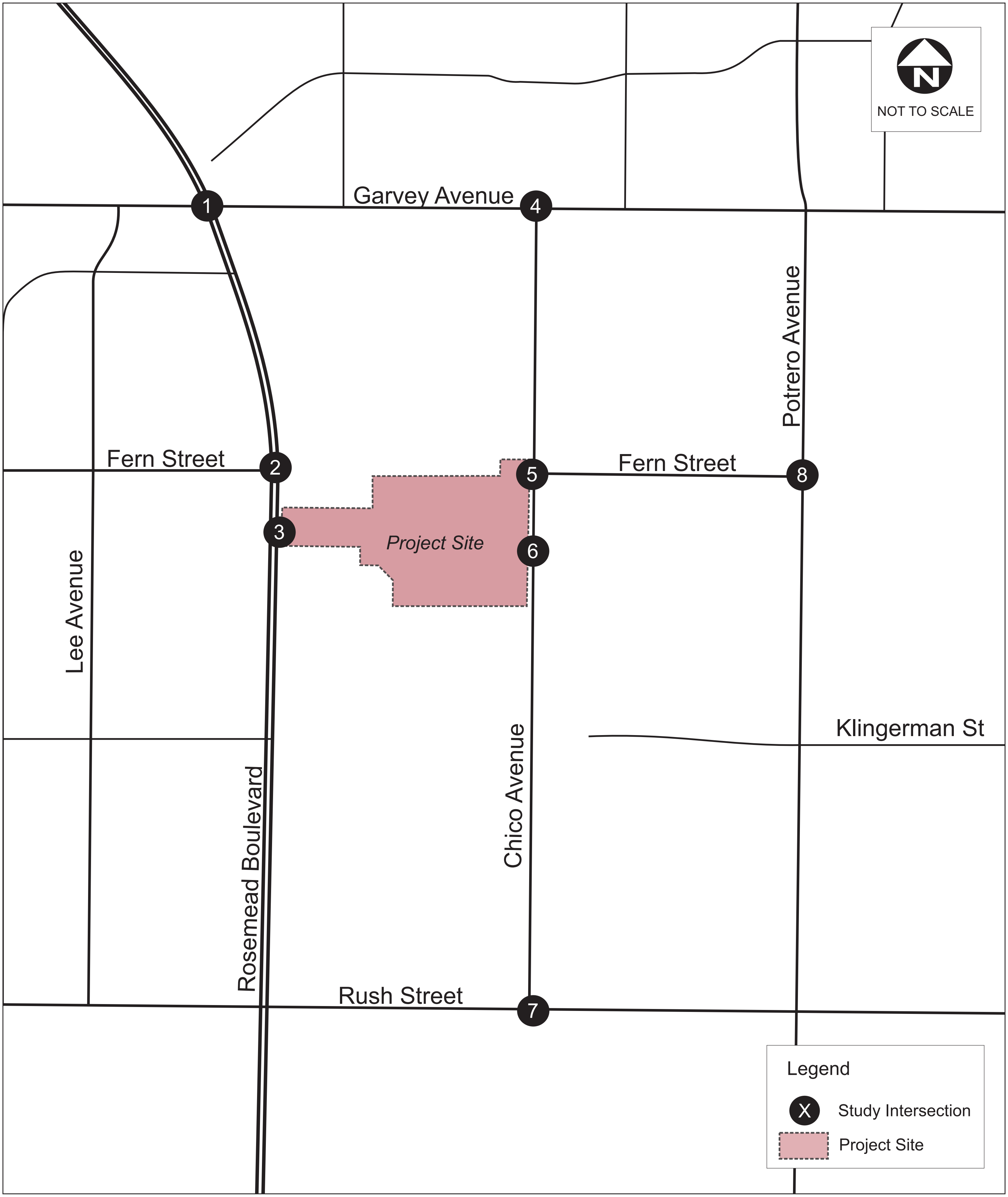
1. Rosemead Boulevard / Garvey Avenue;
2. Rosemead Boulevard / Fern Street;
3. Rosemead Boulevard / Project Driveway;
4. Chico Avenue / Garvey Avenue;
5. Chico Avenue / Fern Street;
6. Chico Avenue / Project Driveway;
7. Chico Avenue / Rush Street;
8. Potrero Avenue / Fern Street.

The project site location and proposed study intersections are shown in **Figure 2**.



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Figure 1
Project Site Plan



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Figure 2
Project Location and Study Intersections

1.3 Study Periods

Traffic operations were evaluated for each of the following scenarios during the weekday morning (7:00 – 9:00 AM) and evening (4:00 – 6:00 PM) peak periods during typical weekday conditions (during the school year):

- Existing Conditions;
- Existing Plus Project Conditions;
- Opening Year 2023 Without Project Conditions;
- Opening Year 2023 With Project Conditions;

Based on information provided by the project applicant, the projected opening year for the proposed project is 2023. The study area and study periods were confirmed with City staff.

2 ENVIRONMENTAL SETTING

This section presents an overview of the existing roadway system within the study area and the methodology used to determine existing traffic volumes.

2.1 Roadway Configurations

The existing configurations of the roadways within the study area are shown in **Table 1** and are further described below.

Table 1: Study Area Roadways

Roadway	Classification	Direction	Lanes		On-Street Parking	Bike Facility	Median	Speed Limit (mph)
			NB/EB	SB/WB				
Rosemead Boulevard	Major Arterial	NB/SB	3	3	Partial, both sides	No	Yes	45
Garvey Avenue	Major Arterial	EB/WB	2	2	Yes, both sides	No	No	35
Rush Street	Secondary Arterial	EB/WB	2	2	Partial, both sides	Class III	No	35
Chico Avenue	Residential/Industrial Collector	NB/SB	1	1	Yes, both sides	No	No	30
Fern Street	Local Street	EB/WB	1	1	Yes, both sides	No	No	25
Potrero Avenue	Local Street	NB/SB	1	1	Yes, both sides	No	No	25

Note: Roadway and bicycle facility classifications based on City of South El Monte General Plan Circulation Element, 2000

Rosemead Boulevard is a divided six-lane north/south-oriented major arterial roadway providing access to the project site at its west driveway. On-street parking is provided on both sides in some parts of the study area, with weekend restrictions. The roadway's speed limit in the study area is established as 45 miles per hour (mph).

Garvey Avenue is a divided four-lane east/west-oriented major arterial roadway with mostly commercial and light industrial frontage. Garvey Avenue includes on-street parking on both sides of the roadway, with a two-hour peak period restriction. The roadway's speed limit in the study area is established as 35 mph.

Rush Street is an east/west-oriented secondary arterial, with four lanes of undivided travel east of Rosemead Boulevard, and two lanes of undivided travel west of Rosemead Boulevard. Rush Street includes on-street parking within some parts of the study area, with some overnight restrictions, and mostly commercial and light industrial frontage. Rush Street is classified as a Class III bicycle route in the City's General Plan. The roadway's speed limit in the study area is established as 35 mph.

Chico Avenue is an undivided two-lane north/south-oriented residential/industrial collector roadway, with mostly light industrial and some residential frontage. On-street parking is provided on both sides throughout the length of the street within the study area, with a weekday overnight restriction, and a two-hour peak period restriction. The roadway's speed limit in the study area is established as 30 mph.

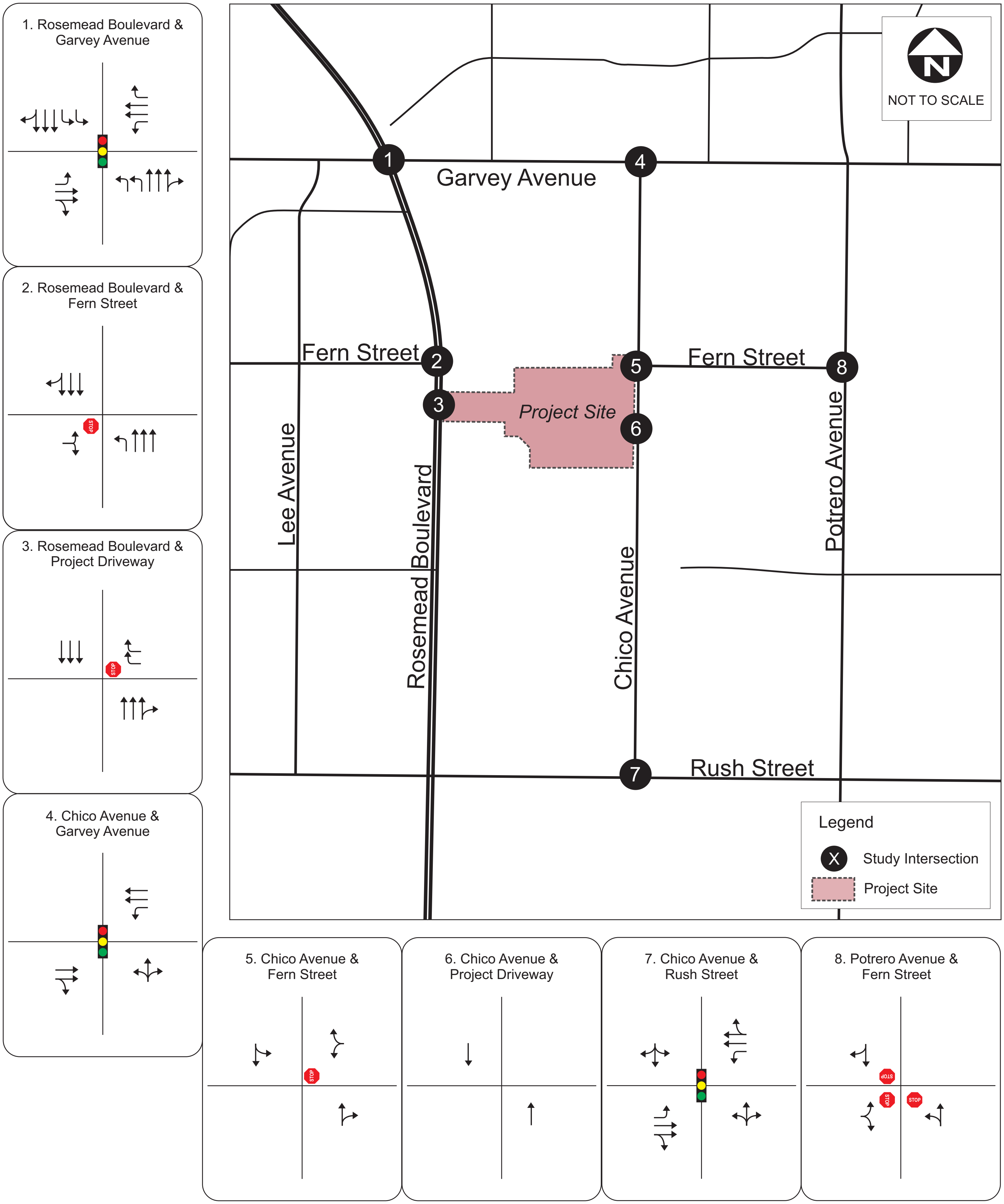
Fern Street is an undivided two-lane east/west-oriented local street with mostly residential and some light industrial frontage. On-street parking is provided on both sides throughout the length of the street within the study area, with a Thursday overnight restriction, and a Wednesday afternoon restriction. The roadway's speed limit in the study area is established as 25 mph.

Potrero Avenue is an undivided two-lane north/south-oriented local street that traverses the study area between Rosemead Boulevard and Rush Street. The roadway has mostly residential frontage, with some light industrial as well as Potrero Elementary School, and provides unrestricted on-street parking on both sides of the street. The roadway's speed limit is 25 mph.

2.2 Existing Traffic Volumes

Existing traffic counts at the study intersections were conducted in March 2021, with the exception of Rosemead Boulevard/Garvey Avenue, where counts taken in January 2021 for a separate, nearby project were used. Existing counts at the Project Driveway intersections on both Rosemead Boulevard and Chico Avenue were derived from the counts taken at the adjacent intersections of Rosemead Boulevard/Fern Street and Chico Avenue/Fern Street, respectively.

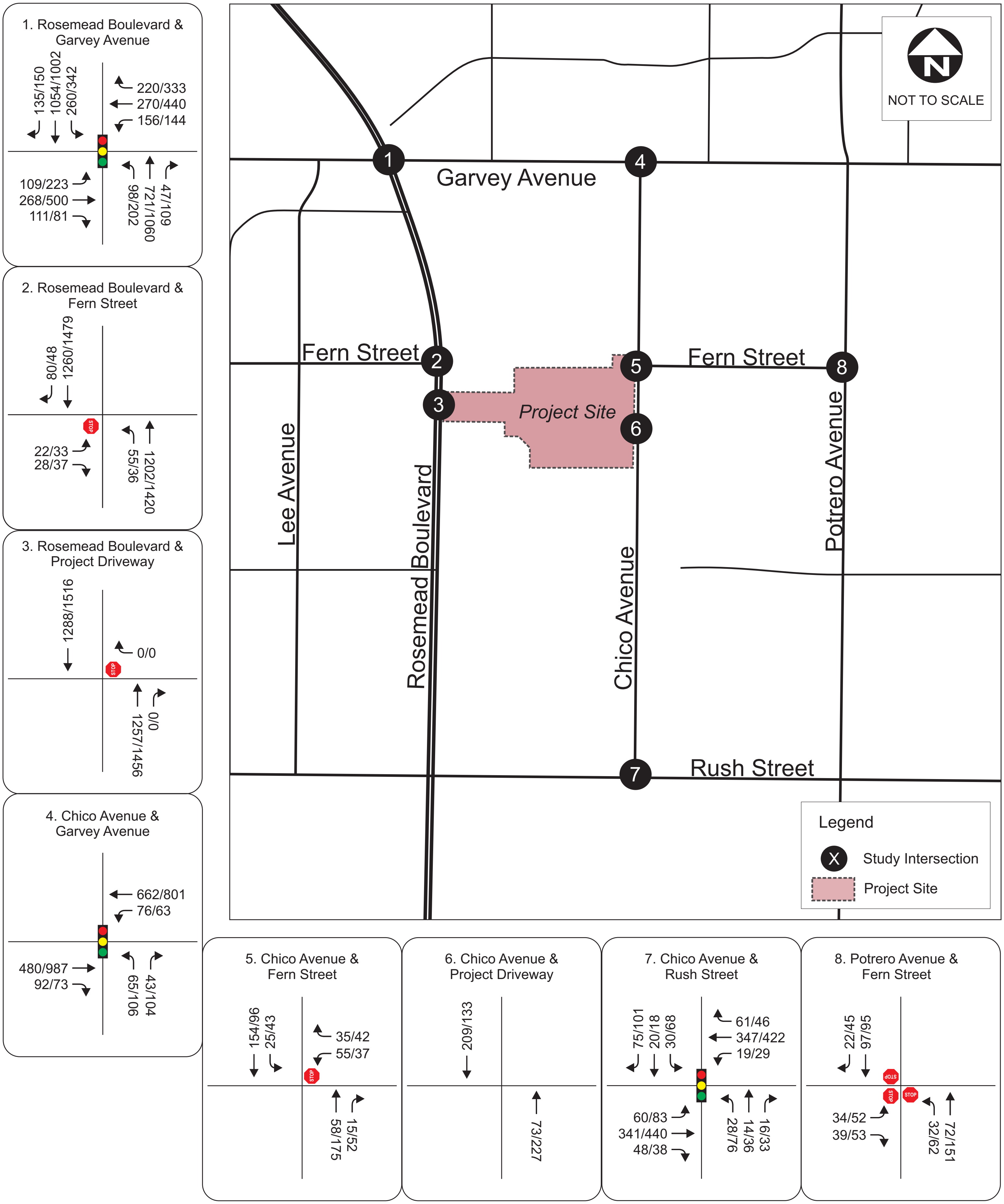
All counts were conducted during the morning peak period (7:00 – 9:00 AM) and evening peak period (4:00 – 6:00 PM). The traffic impact analysis is based on the highest single hour of traffic during each time period at each location. Detailed vehicle turning movement data is included in **Appendix A**, while **Figure 3** shows the existing intersection configurations and **Figure 4** shows the existing peak hour volumes at the study intersections.



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Figure 3
Existing Intersection Lane Configurations



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Figure 4
Existing Intersection Peak Hour Volumes

2.3 COVID-19 Period Analysis

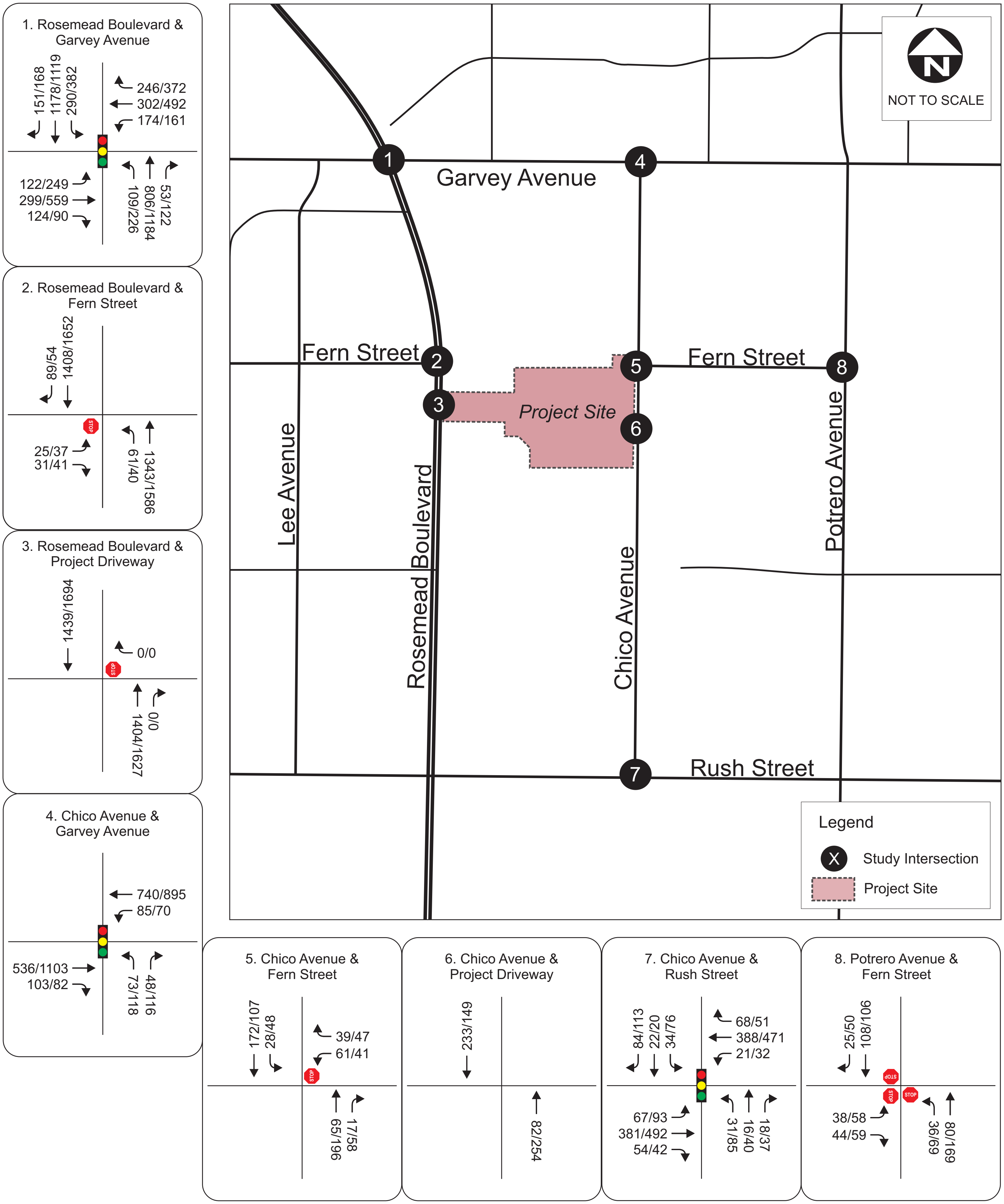
Typically, traffic counts are collected on weekdays while schools are in session to avoid any holiday-related shifts in traffic patterns. However, due to the ongoing impacts of the COVID-19 pandemic, large numbers of office employees continue to work remotely from their homes, while schools in South El Monte remain closed to in-person learning at the time traffic counts were taken. To account for these impacts on existing traffic conditions, mainline freeway volumes provided by Caltrans' PeMS system were compared between February 2019 and February 2021 for both Interstate 10 (I-10) and California State Route 60 (SR-60), on either side of Rosemead Boulevard. The details of this comparison are shown below in **Table 2**.

A comparison of the total mainline freeway traffic volumes reveals a reduction in volume of approximately 75,000 vehicles in February 2021 when compared to February 2019. This translates to existing traffic conditions occurring at approximately 89.5% of pre-pandemic traffic levels, giving a multiplier of around 1.12 to be applied to existing traffic counts in order to approximate what traffic conditions would otherwise be without the impacts from the COVID-19 pandemic. Existing peak hour volumes at the study intersections, adjusted with this "COVID-19 factor" multiplier, can be seen in **Figure 5**.

Table 2 – Determining Covid-19 Factor on Existing Traffic Counts

Count Location	February 2019			February 2021		
	EB	WB	Total	EB	WB	Total
SR-60 east of Rosemead Blvd*	114,916	106,434	221,350	85,846	82,893	168,739
SR-60 west of Rosemead Blvd**	117,040	-	117,040	93,982	-	93,982
SR-60 Total			**338,390**			**262,721**
I-10 east of Rosemead Blvd	94,797	90,275	185,072	93,791	94,047	189,491
I-10 west of Rosemead Blvd	93,602	95,889	189,491	93,510	94,081	187,591
I-10 Total			**374,563**			**375,429**
Total – Both Freeways			***712,953***			***638,150***

**Eastbound volumes for SR-60 east of Rosemead Blvd were not available for February 2019; February 2018 volumes were used.*
***There is no count data for this location in the westbound direction – however, this data was not necessary to compare changes in overall traffic conditions between study years.*



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Figure 5
Existing with Covid Factor Intersection Peak Hour Volumes

3 TRAFFIC OPERATIONS ANALYSIS METHODOLOGY

The quality of traffic operations is characterized using the concept of level of service (LOS). Level of service is defined by a range of grades from A (best) to F (worst). At intersections, LOS "A" represents relatively free flow operating conditions with little or no delay. LOS "F" is characterized by extremely unstable flow conditions, severe congestion and delays with traffic volumes at or near the intersection's design capacity. This typically results in long vehicular queues extending from all approaches to intersection.

Analysis of traffic operations are conducted according to the traffic impact analysis guidelines provided by the City of South El Monte. Per the City's guidelines, at signalized intersections within City jurisdiction, LOS analysis is performed using Intersection Capacity Utilization (ICU) operations methodology, utilizing Synchro 10 software. Also per the City's guidelines, LOS analysis of traffic operations for unsignalized iintersections is conducted utilizing the Highway Capacity Manual (HCM) methodology, which uses vehicular delay criteria to determine LOS. **Table 3** presents a brief description of each level of service letter grade, as well as the range of delays or V/C ratios associated with each grade for signalized and unsignalized intersections.

Table 3: Intersection Level of Service Definitions – ICU and HCM Methodologies

Level Of Service	Description	Volume to Capacity (V/C) Ratio	HCM Average Delay (sec) - Signalized Intersections	HCM Average Delay (sec) - Unsignalized Intersections
A	Excellent operation. All approaches to the intersection appear quite open, turning movements are easily made, and nearly all drivers find freedom of operation.	0.000-0.600	≤ 10	≤ 10
B	Very good operation. Many drivers begin to feel somewhat restricted within platoons of vehicles. This represents stable flow. An approach to an intersection may occasionally be fully utilized and traffic queues start to form.	>0.600-0.700	>10-20	>10-15
C	Good operation. Occasionally drivers may have to wait more than 60 seconds, and back-ups may develop behind turning vehicles. Most drivers feel somewhat restricted.	>0.700-0.800	>20-35	>15-25
D	Fair operation. Cars are sometimes required to wait more than 60 seconds during short peaks. There are no long-standing traffic queues.	>0.800-0.900	>35-55	>25-35
E	Poor operation. Some long-standing vehicular queues develop on critical approaches to intersections. Delays may be up to several minutes.	>0.900-1.000	>55-80	>35-50
F	Forced flow. Represents jammed conditions. Backups form locations downstream or on the cross street may restrict or prevent movement of vehicles out of the intersection approach lanes; therefore, volumes carried are not predictable. Potential for stop and go type traffic flow.	> 1.000	>80	>50

3.1 Thresholds of Significance

The City of South El Monte Transportation Study Guidelines targets LOS D or better for acceptable intersection operations. Signalized intersections typically require improvements when the addition of project traffic results in the degradation of intersection operations from LOS D or better to LOS E or F and will increase the V/C by 0.01 or more. Unsignalized intersections will require improvements if the addition of project traffic results in the degradation of intersection operations from LOS D or better to LOS E or F and if the intersection meets peak hour signal warrants either caused by the project volumes or if project volumes are added to an intersection that meets peak hour signal warrants in baseline scenarios. Furthermore, if a project contributes 2% or more of the total traffic at any intersection expected to be deficient, improvements should be considered.

4 EXISTING CONDITIONS

A level of service analysis was conducted to evaluate existing intersection operations during the AM and PMpeak hours at the study intersections. **Table 4** summarizes the existing LOS at the study intersections, while **Table 5** summarizes existing LOS at the study intersections with the "COVID-19 factor" multiplier taken into account to approximate normal traffic conditions. LOS calculation sheets are provided in **Appendix B**.

Table 4: Existing Intersection Peak Hour Level of Service

Intersection		Control Type	AM Peak Hour			PM Peak Hour		
			V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS
1	Rosemead Blvd / Garvey Ave	Signalized	0.67	-	B	**0.95**	-	**E**
2	Rosemead Blvd / Fern St	TWSC	-	**49.0**	**E**	-	**125.2**	**F**
3	Rosemead Blvd / Project Dwy	TWSC	-	0.0	A	-	0.0	A
4	Chico Ave / Garvey Ave	Signalized	0.45	-	A	0.68	-	B
5	Chico Ave / Fern St	TWSC	-	10.8	B	-	11.6	B
6	Chico / Project Dwy	Uncontrolled	-	0.0	A	-	0.0	A
7	Chico Ave / Rush St	Signalized	0.61	-	B	0.62	-	B
8	Potrero Ave / Fern St	AWSC	-	8.0	A	-	9.1	A

Notes: V/C = Volume to Capacity Ratio; LOS = Level of Service; TWSC = two-way stop-controlled; AWSC = all-way stop-controlled.

As shown in **Table 4**, the signalized Rosemead Boulevard/Garvey Avenue intersection is currently operating at LOS E during the PM peak hour, while the unsignalized Rosemead Boulevard/Fern Street intersection is currently operating at LOS E during the AM peak hour and at LOS F during the PM peak hour. It should be noted the analysis methodology for unsignalized intersections, such as used at the Rosemead Boulevard/Fern Street is especially sensitive at intersections involving a large-volume street with a minor street. The delay value represents the low volumes of vehicles turning to and from Fern Street having to wait for enough clearance of vehicles traveling a long the free-flow Rosemead Boulevard to make their turns—which is the critical movement delay value shown in the table.

Table 5: Existing Intersection plus Covid-19 Factor Peak Hour Level of Service

	Intersection	Control Type	AM Peak Hour			PM Peak Hour		
			V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS
1	Rosemead Blvd / Garvey Ave	Signalized	0.73	-	C	**1.10**	-	**F**
2	Rosemead Blvd / Fern St	TWSC	-	**92.0**	**F**	-	**341.1**	**F**
3	Rosemead Blvd / Project Dwy	TWSC	-	0.0	A	-	0.0	A
4	Chico Ave / Garvey Ave	Signalized	0.48	-	A	0.71	-	C
5	Chico Ave / Fern St	TWSC	-	11.3	B	-	12.2	B
6	Chico / Project Dwy	Uncontrolled	-	0.0	A	-	0.0	A
7	Chico Ave / Rush St	Signalized	0.63	-	B	0.70	-	B
8	Potrero Ave / Fern St	AWSC	-	8.1	A	-	9.5	A

Notes: V/C = Volume to Capacity Ratio; LOS = Level of Service; TWSC = two-way stop-controlled; AWSC = all-way stop-controlled.

As shown in **Table 5**, the signalized Rosemead Boulevard/Garvey Avenue intersection is currently operating at LOS F during the PM peak hour, while the unsignalized Rosemead Boulevard/Fern Street intersection is currently operating at LOS F during both the AM and PM peak hours.

5 PROPOSED PROJECT TRAFFIC

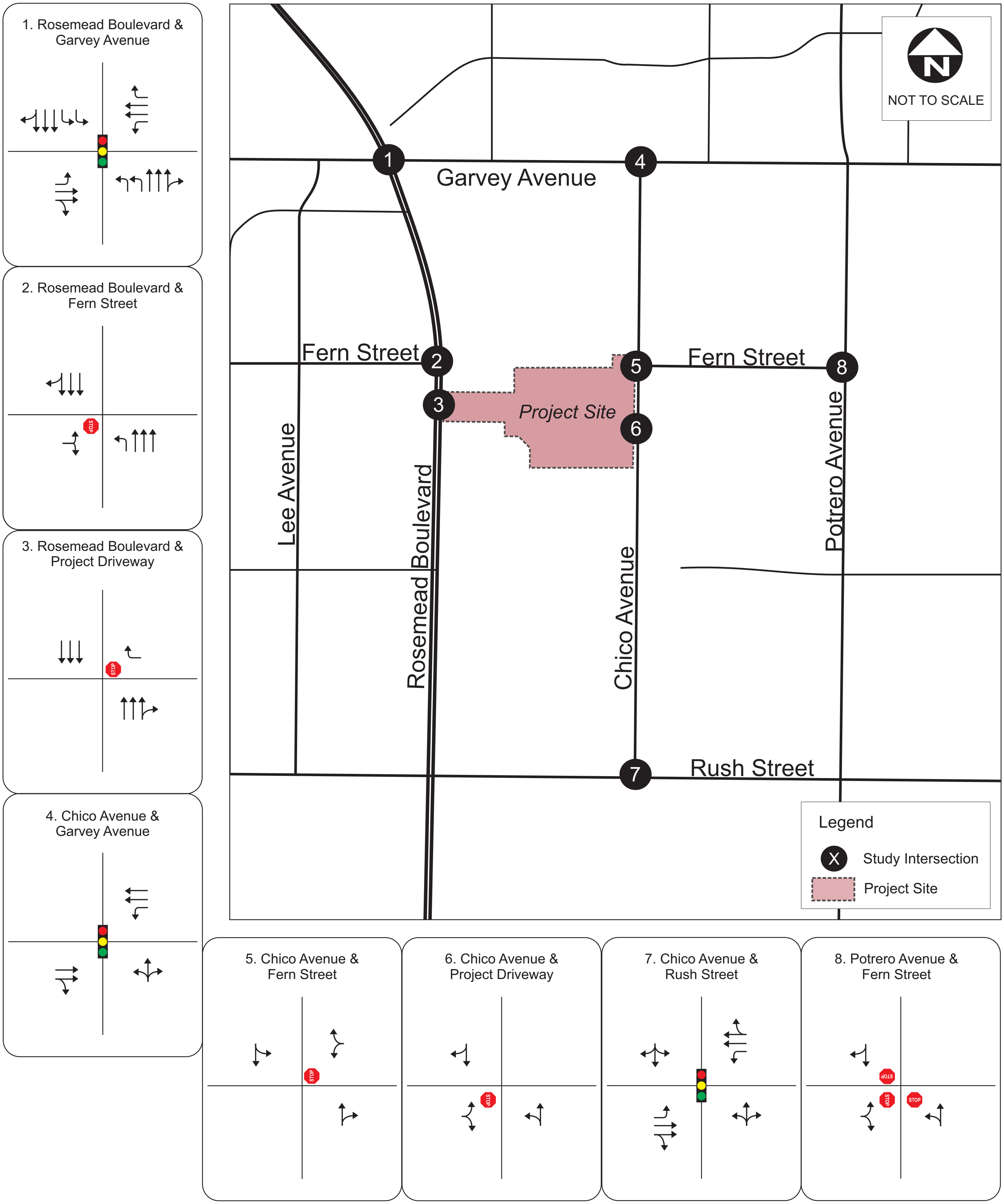
This section describes the methodology used to determine project trip generation and the distribution of project traffic within the study area.

The first step in analyzing traffic conditions with the project is to estimate the number of new trips expected to be generated by the proposed project. The proposed project consists of 207 residential units, including 38 multi-family residential units and 169 detached single-family housing units. The project site is currently occupied by the Rosemead Swap Meet, which operates during non-pandemic times only on Saturdays and Sundays. Access to the proposed project will be provided through what is expected to be a right-in, right-out only driveway on Rosemead Boulevard to the west and a full-access driveway on Chico Avenue to the east.

To account for the addition of project access at the Rosemead Boulevard/Project Driveway and Chico Avenue/Project Driveway intersections, with project intersection lane confiruations are shown in **Figure 6.**

5.1 Project Trip Generation

The trip generation analysis was completed in a two-step process. First, the number of trips generated by the proposed development was calculated by multiplying the trip generation rate for low-rise multi-family housing and for detached single-family housing by the proposed number of units for each use in the project. The result of this calculation is shown in **Table 6**. Trip generation rates for the proposed project were calculated based on the Institute of Transportation Engineers (ITE) Trip Generation Manual, 10th Edition.



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Figure 6
With Project Intersection Lane Configurations

Table 6: Proposed Project Trip Generation

Land Use (ITE Code)	# of Units	Trip Generation Rates							Trip Generation						
		AM Peak Hour			PM Peak Hour			Daily	AM Peak Hour			PM Peak Hour			Daily
		In	Out	Total	In	Out	Total		In	Out	Total	In	Out	Total	
Multi-Family Housing (Low-Rise) (220)	38	23%	77%	0.46	63%	37%	0.56	7.32	4	13	17	13	8	21	278
Single-Family Detached Housing (221)	169	25%	75%	0.74	63%	37%	0.99	9.44	31	94	125	105	62	167	1,595
								Total*	**35**	**110**	**143**	**119**	**70**	**189**	**1,874**

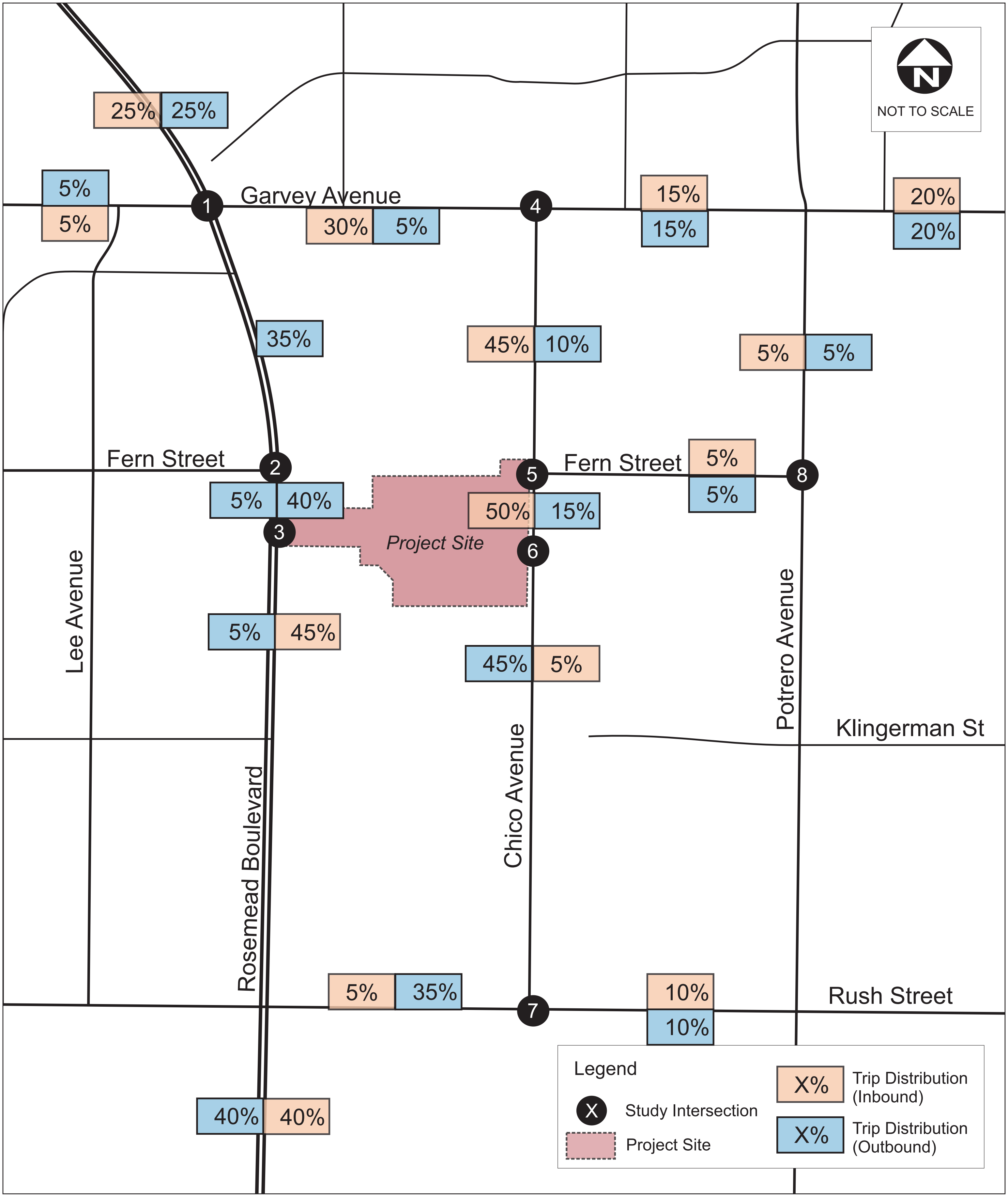
**Difference due to rounding.*

As shown in **Table 6**, the proposed project is forecast to generate 143 new AM peak hour trips, 189 new PM peak hour trips, and 1,874 new daily trips. Because the current project site is only in use on weekends, no credit for existing site traffic is taken into consideration with this analysis.

5.2 Project Trip Distribution and Assignment

Trip distribution assumptions are used to determine the origin and destination of new vehicle trips associated with the project. Project trip distribution is based on the circulation network in the vicinity of the project as well as information provided by the project applicant. The project trip distribution is shown in **Figure 7**.

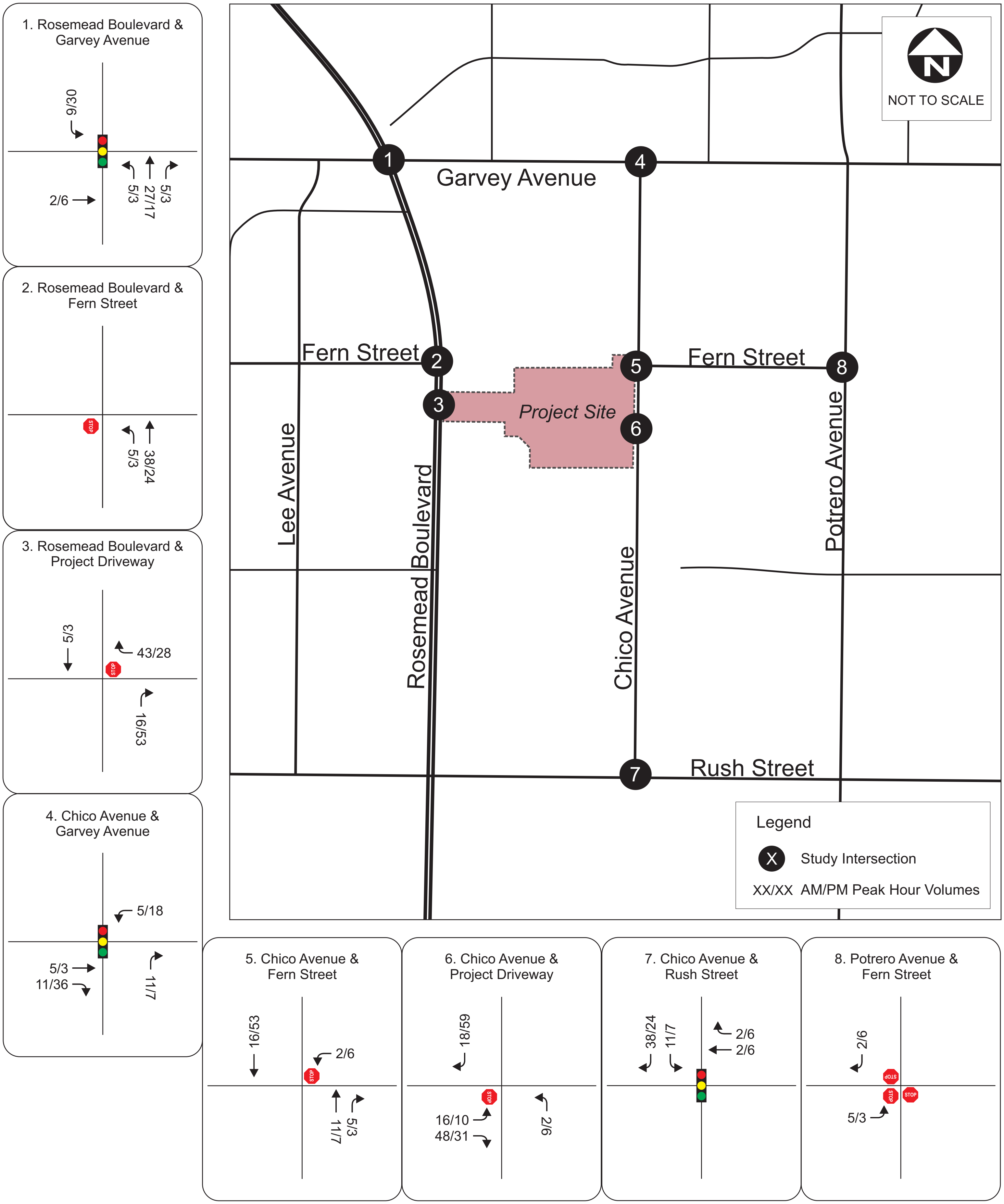
The new trips generated by the project, as shown in **Table 6**, were then assigned to the surrounding roadway system based on the distribution pattern shown in **Figure 7** to estimate the project-related peak-hour traffic at each of the study intersections. **Figure 8** illustrates the proposed project trip assignment onto the roadway network during theAM and PM peak hours.



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Figure 7
Project Trip Distribution



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Figure 8
Project Trip Assignment

6 EXISTING PLUS PROJECT CONDITIONS

Existing plus project conditions were developed by adding trips forecast to be generated by the proposed project, as described in **Section 5**, to existing volumes, as described in **Section 4**. Existing plus project traffic volumes are illustrated in **Figure 9**.

6.1 Existing Plus Project Intersection Levels of Service

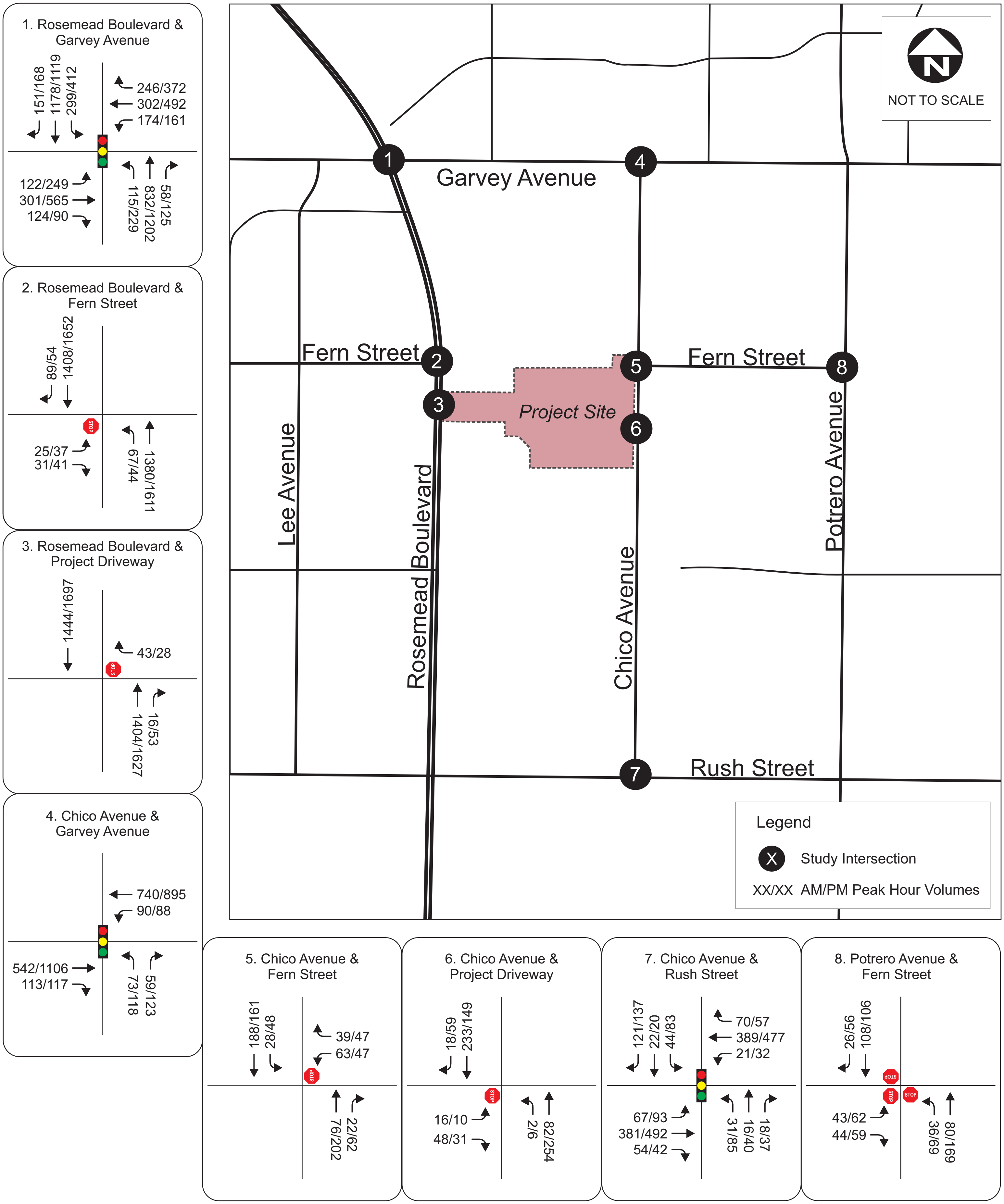
A level of service analysis was conducted to evaluate existing plus project intersection operations during the AM and PM peak hours at the study intersections. Existing plus project levels of service at the study intersections are summarized without changes to Rosemead Boulevard in **Table 7**. Level of service calculation worksheets are included in **Appendix B**.

Table 7: Existing Plus Project Intersection Peak Hour Level of Service

#	Intersection	Existing Conditions (w/COVID-19 factor)						Existing Plus Project Conditions						Change in V/C or Delay		Exceeds Threshold Due to Project?
		AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour			AM Peak Hour	PM Peak Hour	
		V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS			
1	Rosemead Blvd / Garvey Ave	0.73	-	C	**1.10**	-	**F**	0.78	-	C	**1.10**	-	**F**	0.05	0.0	No
2	Rosemead Blvd / Fern St	-	**92.0**	**F**	-	**341.1**	**F**	-	**125.0**	**F**	-	**374.2**	**F**	33.0	33.1	No
3	Rosemead Blvd / Project Dwy	-	0.0	A	-	0.0	A	-	19.5	C	-	22.4	C	19.5	22.4	No
4	Chico Ave / Garvey Ave	0.48	-	A	0.71	-	C	0.50	-	A	0.74	-	C	0.02	0.03	No
5	Chico Ave / Fern St	-	11.3	B	-	12.2	B	-	11.7	B	-	13.1	C	0.4	0.9	No
6	Chico / Project Dwy	-	0.0	A	-	0.0	A	-	10.4	B	-	10.2	B	10.4	10.2	No
7	Chico Ave / Rush St	0.63	-	B	0.70	-	B	0.63	-	B	0.70	-	B	0.0	0.0	No
8	Potrero Ave / Fern St	-	8.1	A	-	9.5	A	-	8.1	A	-	9.6	A	0.0	0.1	No

Notes: V/C = Volume to Capacity Ratio, LOS = Level of Service.

As shown in **Table 7**, project trips forecast to be added to the unsignalized intersection at Rosemead Boulevard and Fern Street will increase delay at this intersection due to some volume of project traffic assumed to exit the project site onto Rosemead Boulevard making a U-turn at the Rosemead Boulevard at Fern Street intersection to proceed southbound. With LOS F, this intersection currently already exceeds the City's target threshold for acceptable levels of service, however since the intersection does not degrade in level of service from the baseline scenario and the project does not contribute 2 percent or more traffic to the location it is not considered to exceed the threshold due to the project. While the signalized intersection of Rosemead Boulevard/Garvey Avenue also currently exceeds the city's threshold with LOS F in the PM peak hour, there is no additional delay incurred at this intersection due to forecast project trips in the PM peak hour.



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Figure 9
Existing Plus Project Intersection Volumes

7 OPENING YEAR 2023 WITHOUT PROJECT CONDITIONS

The project opening year is 2023. Therefore, this section analyzes opening year 2023 traffic conditions without the proposed project. Opening year 2023 without project traffic volumes were developed by considering traffic increases due to ambient growth and specific, planned, or approved development projects in the study area, without consideration of the proposed project.

7.1 Ambient Growth

Ambient traffic growth is the traffic growth that will occur in the study area due to general employment growth, housing growth and growth in regional through trips in Southern California. An ambient growth rate of one-quarter of one percent (.24%) per year in the study area was assumed based on model volume comparisons between 2018 and 2040 using the SCAG model network.

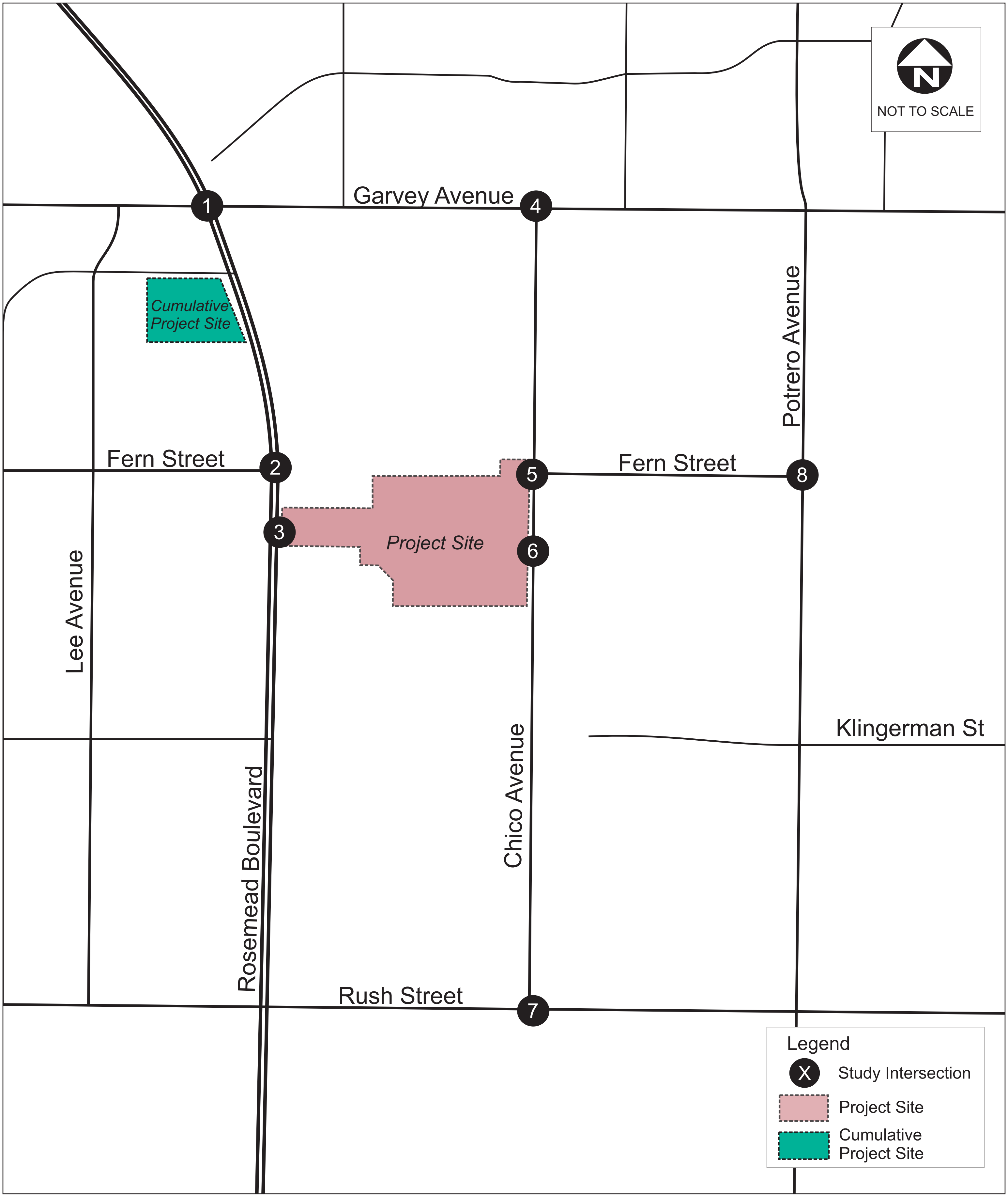
7.2 Cumulative Project Growth

Cumulative project traffic growth is growth due to specific, known development projects in the area surrounding the study locations that may affect traffic circulation. Details regarding the sole cumulative, approved project within the region were provided by the City of South El Monte and shown in **Table 8**. The general location of this cumulative project is shown in **Figure 10**. The peak hour vehicle trips expected to be generated by this development are shown in **Figure 11**. Trip distribution for the cumulative project was assigned based on the development's concurrent uses and its location with respect to nearby freeways and major arterials.

Table 8: Cumulative Project

Location		Land Use	Size/Description
1	Mye Plaza Development (Rosemead Blvd & Mabel Ave – SW corner)	Mixed-Use	73 du 3.180 tsf restaurant 13.620 tsf retail

Note: du = dwelling unit, tsf = thousand square feet



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Figure 10
Cumulative Project Location

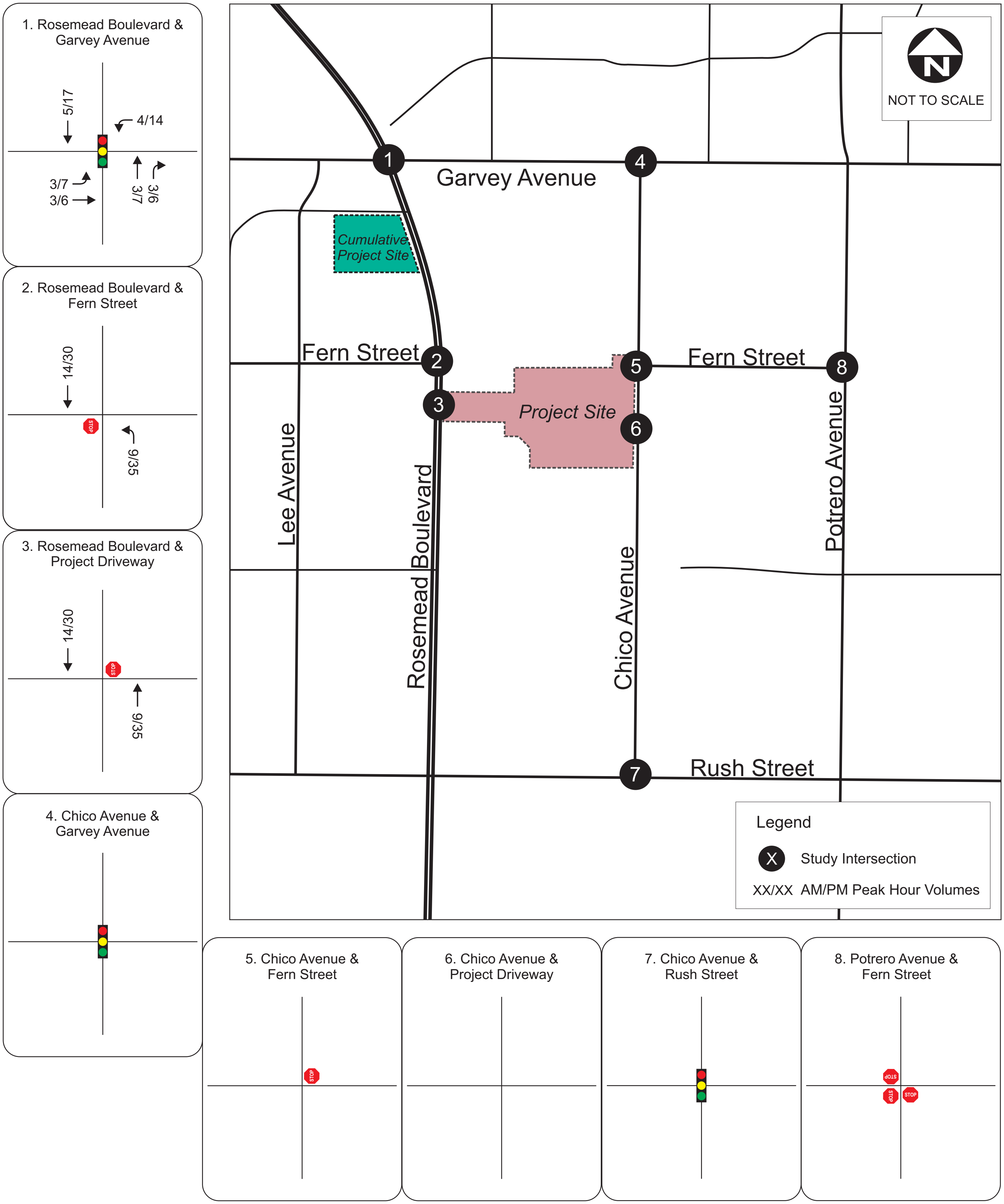


Figure 11
Cumulative Project Trip Assignment

7.3 Opening Year 2023 Without Project Intersection Levels of Service

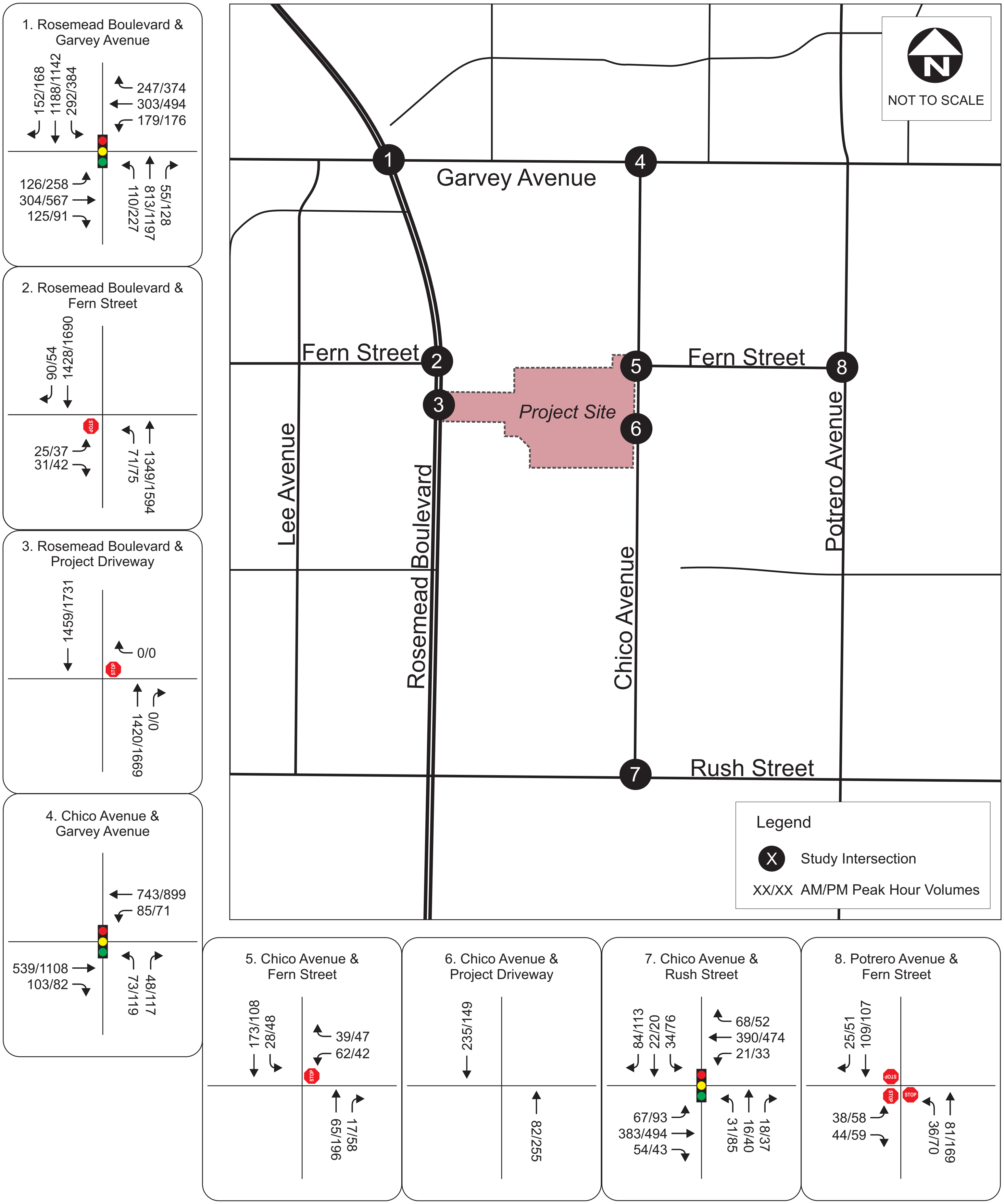
A level of service analysis was conducted to evaluate opening year 2023 without project intersection operations during the AM and PM peak hours. **Figure 12** shows the opening year 2023 without project peak hour volumes at the study intersections. **Table 9** summarizes the opening year 2023 without project levels of service at the study intersections. Level of service calculation worksheets are included in **Appendix B**.

Table 9: Opening Year 2023 Without Project Intersection Peak Hour Level of Service

	Intersection	Control Type	AM Peak Hour			PM Peak Hour		
			V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS
1	Rosemead Blvd / Garvey Ave	Signalized	0.77	-	C	**1.14**	-	**F**
2	Rosemead Blvd / Fern St	TWSC	-	**116.4**	**F**	-	**882.0**	**F**
3	Rosemead Blvd / Project Dwy	TWSC	-	0.0	A	-	0.0	A
4	Chico Ave / Garvey Ave	Signalized	0.48	-	A	0.71	-	C
5	Chico Ave / Fern St	TWSC	-	11.3	B	-	12.3	B
6	Chico / Project Dwy	Uncontrolled	-	0.0	A	-	0.0	A
7	Chico Ave / Rush St	Signalized	0.61	-	B	0.62	-	B
8	Potrero Ave / Fern St	AWSC	-	8.1	A	-	9.6	A

Notes: V/C = Volume to Capacity Ratio, LOS = Level of Service; TWSC = two-way stop-controlled; AWSC = all-way stop-controlled

As shown in **Table 9**, the unsignalized Rosemead Boulevard/Fern Street intersection is forecast to operate at LOS F during the AM and PM peak hours in opening year 2023 without project, with significant delay incurred from trips forecasted to accompany the Mye Development cumulative project. Additionally, the signalized Rosemead Boulevard/Garvey Avenue intersection is forecast to continue to operate at LOS F during the PM peak hour.



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Figure 12
Opening Year Without Project Intersection Peak Hour Volumes

8 OPENING YEAR 2023 WITH PROJECT CONDITIONS

Opening year 2023 with project conditions were developed by adding trips forecast to be generated by the proposed project, as described in **Section 5**, to opening year 2023 without project volumes, as described in **Section 7**. **Figure 13** illustrates the opening year 2023 with project traffic volumes at the study intersections.

8.1 Opening Year 2023 With Project Intersection Levels of Service

A level of service analysis was conducted to evaluate opening year 2023 with project intersection operations during the AM and PM peak hours. Opening year 2023 with project levels of service at the study intersections are summarized in **Table 10.** Level of service calculation worksheets are included in **Appendix B**.

Table 10: Opening Year 2023 With Project Intersection Peak Hour Level of Service

	Intersection	Opening Year 2023 Without Project						Opening Year 2023 With Project						Change in V/C or Delay		Exceeds Threshold Due to the Project?
		AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour			AM Peak Hour	PM Peak Hour	
		V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS	V/C	Delay (sec)	LOS			
1	Rosemead Blvd / Garvey Ave	0.77	-	C	**1.14**	-	**F**	0.78	-	C	**1.14**	-	**F**	0.01	0.0	No
2	Rosemead Blvd / Fern St	-	**116.4**	**F**	-	**882.0**	**F**	-	**131.4**	**F**	-	**919.0**	**F**	15.0	37.0	No
3	Rosemead Blvd / Project Dwy	-	0.0	A	-	0.0	A	-	19.8	C	-	23.1	C	19.8	23.1	No
4	Chico Ave / Garvey Ave	0.48	-	A	0.71	-	C	0.48	-	A	0.75	-	C	0.0	0.04	No
5	Chico Ave / Fern St	-	11.3	B	-	12.3	B	-	11.7	B	-	13.2	B	0.4	0.9	No
6	Chico / Project Dwy	-	0.0	A	-	0.0	A	-	10.4	B	-	10.2	B	10.4	10.2	No
7	Chico Ave / Rush St	0.61	-	B	0.62	-	B	0.64	-	B	0.70	-	B	0.01	0.02	No
8	Potrero Ave / Fern St	-	8.1	A	-	9.6	A	-	8.1	A	-	9.6	A	0.0	0.0	No

Notes: V/C = Volume to Capacity Ratio, LOS = Level of Service.

As shown in **Table 10**, project trips forecast to be added to the unsignalized intersection Rosemead Boulevard/Fern Street will increase delay at this intersection due to some volume of project traffic assumed to exit the project site onto Rosemead Boulevard making a U-turn at the Rosemead Boulevard at Fern Street intersection to proceed southbound. With LOS F, this intersection currently already exceeds the City's target threshold for acceptable levels of service, however since the intersection does not degrade in level of service from the baseline scenario and the project does not contribute 2 percent or more traffic to the location it is not considered to exceed the threshold due to the project. While the signalized intersection of Rosemead Boulevard/Garvey Avenue also currently exceeds the city's threshold with LOS F in the PM peak hour, there is no additional delay incurred at this intersection due to forecast project trips.

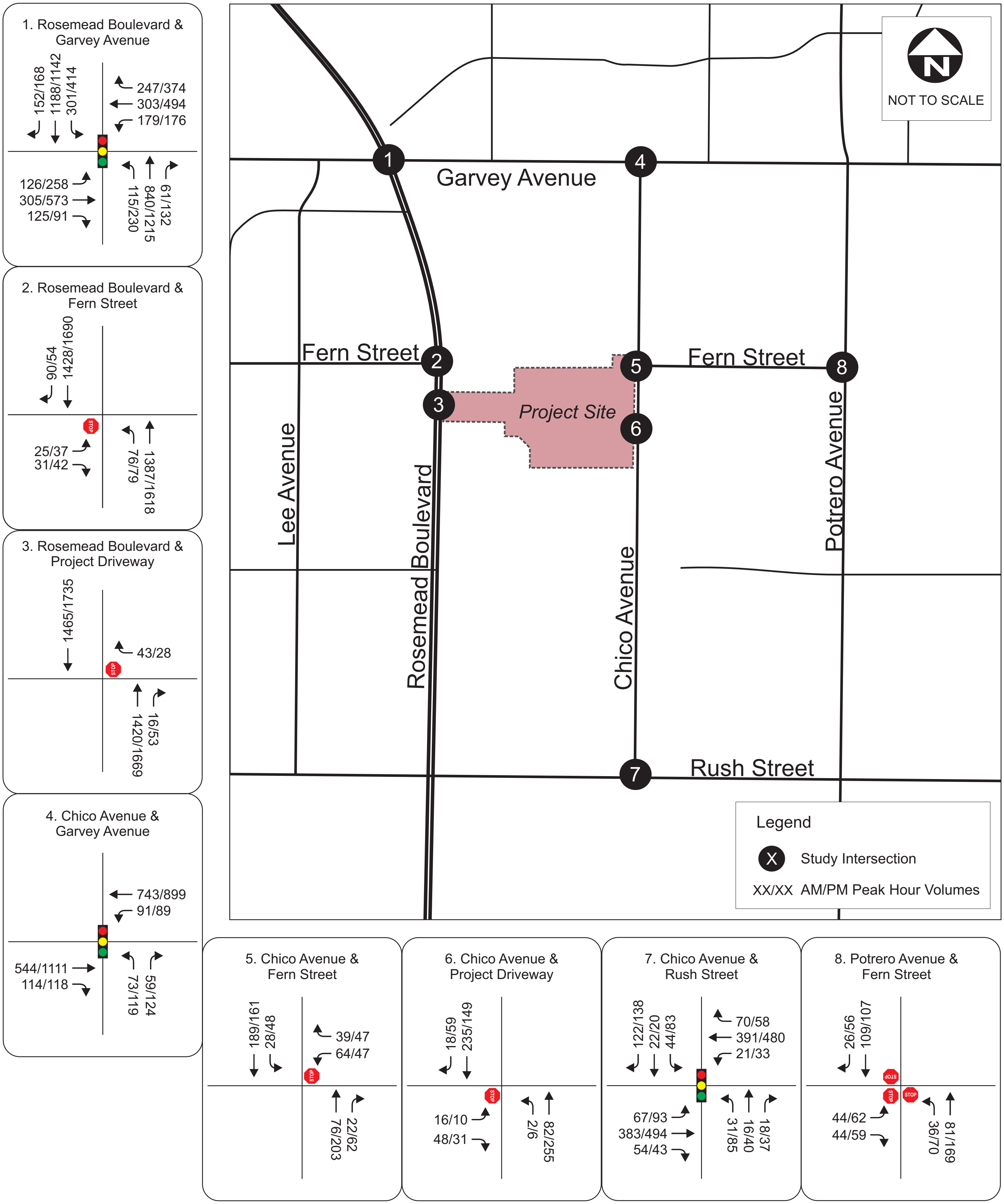


Figure 13
Opening Year 2023 With Project Intersection Volumes

8.2 Deficient Intersections

The City's Transportation Study Guidelines state that any intersection operating at LOS E or F is considered to be deficient. If a project contributes two percent (2%) or more of the total traffic at an intersection that is expected to be deficient, improvements should be considered. Signalized intersections will typically require improvements if the addition of project traffic results in the degradation of intersection operations from LOS D or better to LOS E or F and will increase the V/C ratio by .01 or more. Furthermore, unsignalized intersections will require improvements if the addition of project traffic to an intersection results in the degradation of any individual movement at the intersection from LOS D or better to LOS E or F and the intersection meets peak hour signal warrants per the latest California Manual on Uniform Traffic Control Devices (CA MUTCD).

The only signalized intersection considered deficient is the Rosemead Boulevard/Garvey Avenue intersection, which operates at LOS E or F during the PM peak hour in every scenario examined. However, as mentioned, in both the Existing Plus Project and Opening Year 2023 With Project scenarios, the addition of project traffic to the intersection led to no increase in delay experienced at this intersection.

The unsignalized intersection of Rosemead Boulveard/Fern Street also operates at LOS E or F during both the AM and PM peak hours of each scenario examined and is thus considered deficient. This is due to delay from the eastbound and northbound left turn movements crossing the free-flow Rosemead Boulevard. A comparison of LOS for the eastbound and northbound left turn movements between with and without project scenarios is shown in **Table 11**. Level of service worksheets are available in **Appendix B**.

Table 11: Rosemead Blvd/Fern Street Peak Hour Level of Service Comparison

#	Intersection Location	Control	Existing w/Covid Factor				Existing Plus Project				Change in Delay	
			AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour		AM Peak Hour	PM Peak Hour
			Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS		
2	Rosemead Blvd / Fern St (EB)	TWSC	**92.0**	**F**	**341.1**	**F**	**125.0**	**F**	**374.2**	**F**	33.00	33.10
2	Rosemead Blvd / Fern St (NBL)	TWSC	29.7	D	**36.8**	**E**	32.6	D	**38.0**	**E**	2.9	1.2
#	**Intersection Location**	**Control**	**Opening Year Without Project (2023)**				**Opening Year (2023) With Project**				**Change in Delay**	
			AM Peak Hour		**PM Peak Hour**		**AM Peak Hour**		**PM Peak Hour**		**AM Peak Hour**	**PM Peak Hour**
			Delay	**LOS**	**Delay**	**LOS**	**Delay**	**LOS**	**Delay**	**LOS**		
2	Rosemead Blvd / Fern St (EB)	TWSC	**116.4**	**F**	**882.0**	**F**	**131.4**	**F**	**919.0**	**F**	15.00	37.00
2	Rosemead Blvd / Fern St (NBL)	TWSC	32.6	D	**54.7**	**F**	33.6	D	**57.3**	**F**	1.00	2.6

As shown in **Table 11**, the eastbound movement at the Rosemead Boulevard/Fern Street intersection operates at LOS F during both the AM and PM peak hours for each scenario examined. While the addition of project traffic to this intersection does increase delay for this leg, no project trips were added to this movement. Meanwhile, the northbound left turn movement operates at LOS D during the AM peak hour for all scenarios and at LOS E during the PM peak hour for the Existing and Existing Plus Project scenarios and at LOS F during the PM peak hour for the Opening Year 2023 scenarios. While the addition of project trips to this movement did increase delay, in no scenario did intersection operations degrade from LOS D or better to LOS E or F. Furthermore, the volume of project trips added to this intersection, 43 during the AM peak hour and 27 during the PM peak hour, does not exceed two percent (2%) of total intersection traffic in either of the With Project scenarios examined. Therefore, due to the above factors, this intersection does not require improvements due to project traffic according to the City's Guidelines.

9 PROJECT SITE CONSIDERATIONS

In addition to traffic operations in the surrounding roadway network and project intersections, other particular considerations related to the project site concerning issues such as potential vehicle stacking, queuing, line of sight, truck access, parking, and pedestrian safety were analyzed as part of this traffic study and described in this section.

9.1 Project Parking vs Code Requirements

According to the site plan provided by the developer, the Starlite development will offer 414 private parking spaces, with each unit having its own two-car garage, in addition to 104 onsite guest parking stalls distributed along interior project driveways, and 10 overflow parking stalls over a Los Angeles County flood control easement.

According to Chapter 17.60 of the City of South El Monte Municipal Code, the off-street parking requirement for single-family dwellings is two standard spaces within a garage, while for multiple dwellings, it is two standard spaces per dwelling unit with a garage, plus one guest parking space for every four units. Thus, available parking spaces for the project far exceed the minimum code requirements, with over 100 more parking spaces than required.

9.2 Rosemead Bouelvard/Project Driveway

As shown in the level of service analysis, the current right-in, right-out configuration would adequately accommodate project site traffic. However, it is worth considering that this configuration will likely result in some project trips making U-turns at the Rosemead Boulevard/Fern Street intersection, which would add trips to the critical northbound left turn movement that already exceeds the City's operational threshold in the PM peak hour. However, as mentioned in **Section 8** the project would not contribute more than two percent (2%) to total traffic at the intersection and therefore would not be considered to significantly contribute to the threshold exceedance.

A break in the median along Rosemead Boulevard at the intersection with the Project Driveway would add southbound and westbound left-turn access to and from the project site, increasing overall access to the site from the west and ameliorating any added project trips to the northbound left turn movement at the already deficient Rosemead Boulevard/Fern Street intersection. To investigate the impacts this would have on traffic operations, additional analysis was performed adding a dedicated southbound left turn lane with a storage capacity of 80 feet as well as a westbound left turn movement at this intersection, considering both an unsignalized and a signalized intersection. The proposed trip distribution for these scenarios with changes to the Rosemead Boulevard/Project Driveway intersection, reflecting greater access to the project site, is shown in **Figure 14**.

Levels of service with changes made to the Rosemead Boulevard/Project Driveway intersection, both unsignalized and signalized, are summarized in **Table 12** for both Existing Plus Project and Opening Year 2023 with project conditions**.** Level of service calculation worksheets for these alternatives are included in **Appendix C**.

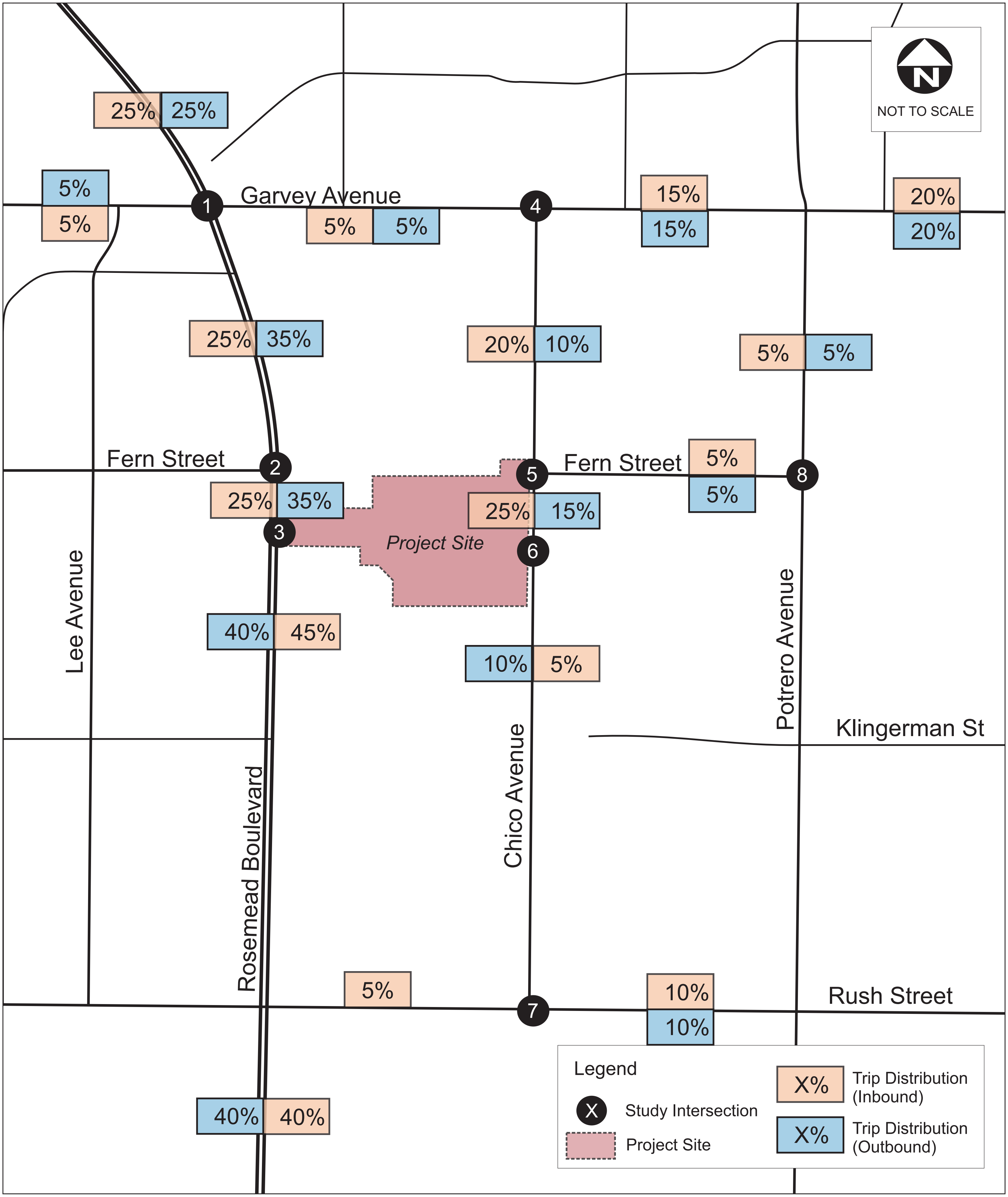


Figure 10
Project Trip Distribution
With Changes to Rosemead Boulevard

Table 12 – Opening Year 2023 With Project With Changes to Rosemead Blvd/Project Dwy Peak Hour Level of Service

#	Intersection Location	Control	Existing Plus Project						Opening Year 2023 With Project					
			AM Peak Hour			PM Peak Hour			AM Peak Hour			PM Peak Hour		
			V/C	Delay	LOS	V/C	Delay	LOS	V/C	Delay	LOS	V/C	Delay	LOS
3	Rosemead Blvd / Project Dwy	TWSC	**-**	**110.3**	**F**	**-**	**242.3**	**F**	-	**117.3**	**F**	-	**269.0**	**F**
3	Rosemead Blvd / Project Dwy	Signalized	0.41	-	A	0.46	-	A	0.41	-	A	0.47	-	A

Note: TWSC: Two-Way Stop-Controlled.

As shown in **Table 12**, if left unsignalized, the Rosemead Boulevard/Project Driveway intersection would exceed the operations threshold laid out in the City's Guidelines due to delay incurred by the westbound left turn movement, rendering the intersection deficient. Therefore, the signalization of the project driveway would provide the best area operational benefits with the proposed project condition. Additionally, this scenario could provide for bicycle and pedestrian crossings on Rosemead Boulevard. Currently, the closest signalized crossings for bicycles and pedestrians are approximately 2,400 feet to the south at Rush Street and 1,500 feet to the north at Garvey Avenue.

Rosemead Boulevard is California State Highway 164 and is owned by Caltrans. Caltrans partners with the City to enact modifications to the roadway and full relinquishment to the City is under consideration. Any physical or operational changes to Rosemead Boulevard would need to proceed through the Caltrans process.

9.3 Chico Avenue/Project Driveway

A queue analysis of the northbound left turn movement at the Chico Avenue/Project Driveway intersection. However, due to the low peak hour project traffic volumes forecast for this movement at this intersection – two (2) vehicles in the AM peak hour and six (6) vehicles in the PM peak hour, delay related to northbound left-turning vehicles is not anticipated to be an issue at this intersection. Furthermore, given the absence of a dedicated northbound left-turn lane, delay and intersection LOS are more valuable metrics for this intersection when measuring project impacts.

If northbound left-turning vehicles remain a concern, Chico Avenue has a width of approximately 40 feet, more than wide enough to accommodate northbound through vehicles maneuvering around northbound left-turning vehicles. However, this would require parking restrictions near the project driveway on the northbound side of Chico Avenue. To accommodate vehicles passing two stacked northbound left-turning vehicles with an average length of 20 to 25 feet each, parking should be restricted on the northbound side of Chico Avenue for at least one car length on either side of these vehicles, or 100 feet total.

9.4 Vehicle Stacking at Project Driveways

An investigation into vehicle stacking accommodation at project driveways was requested to ensure that there is adequate room for more than one vehicle entering or exiting the project site at the same time from each driveway.

The Rosemead Boulevard project driveway is approximately 240 feet in length between the intersection with Rosemead Boulevard and the site access gate, including a turnaround that provides 32 feet of width for fire trucks entering the project site. Considering an average vehicle length of 20 to 25 feet, this driveway provides more than enough room for multiple vehicles to stack while entering or exiting the project site at the same time.

The Chico Avenue project driveway is approximately 120 feet in length between the intersection with Chico Avenue and the site access gate, including a turnaround that provides 26 feet of width in either direction. Again considering the average vehicle length of 20 to 25 feet, there is adequate room for vehicles to stack while entering and exiting the project site at the same time.

9.5 Line of Sight at Project Driveways

Adequate line of sight must be provided at uncontrolled intersections both for vehicles to safely exit the project site and for through vehicles traveling on the roadway intersecting the site to have adequate distance to stop in the event a vehicle suddenly pulls out in front of them. Adequate stopping sight distance is calculated using sum of two distances, which together factor in roadway design speed, break reaction time, and an assumed deceleration rate:

1. The distance traversed by the vehicle from the instant the driver sights an object necessitating a stop to the instant the brakes are applied (brake reaction distance), and;
2. The distance needed to stop the vehicle from the instant brake application begins (braking distance).

The American Association of State Highway and Transportation Officials (AASHTO) has created a table using this formula to simplify the determination of stopping sight distance, seen below in **Table 13**.

Table 13 – AASHTO Guidelines Stopping Sight Distance (15 MPH to 45 MPH)

Design Speed (mph)	Brake Reaction Distance (ft)	Braking Distance on Level (ft)	Stopping Sight Distance	
			Calculated (ft)	Distance (ft)
15	55.1	21.6	76.7	80
20	73.5	38.4	111.9	115
25	91.9	60.0	151.9	155
30	110.3	86.4	196.7	200
35	128.6	117.6	246.2	250
40	147.0	153.6	300.6	305
45	165.4	194.4	359.8	360

Considering Rosemead Boulevard's speed limit of 45 mph and Chico Avenue's speed limit of 30 mph, using the stopping sight distance specified in **Table 13**, a stopping sight distance of 360 feet would be required at Rosemead Boulevard south of the project driveway and a stopping sight distance of 200 feet would be required at the Chico Avenue driveway. Current parking restrictions on Rosemead Boulevard extend at least 400 feet south of the project driveway, providing ample stopping sight distance for the intersection. However, existing parking on the west side of Chico Avenue north and south of the proposed project driveway would need to be restricted to ensure adequate stopping sight distance is provided.

9.6 Pedestrian Safety

Currently, the Chico Avenue/Fern Street intersection provides a marked pedestrian crosswalk on the north leg of the intersection crossing Chico Avenue and an unmarked crossing, denoted by curb ramps, on the east leg of the intersection crossing Fern Street. While pedestrian counts did not indicate any pedestrians crossing the intersection during the AM and PM peak hours, it is reasonable to assume that families with children will be occupying units in the proposed project and that these children would likely cross Chico Avenue at this crosswalk to access Potrero Elementary School. Currently, there is no advance warning signage alerting drivers to the presence of this crosswalk (California MUTCD Pedestrian W11-2), despite traffic along Chico Avenue being uncontrolled. The curb ramps on Chico Avenue are not aligned with the crosswalk and require pedestrians using the curb ramp to enter the intersection outside the crosswalk.



Current misaligned curb ramp configurations for crosswalk at Chico Avenue/Fern Street intersection.

9.7 Truck Access

To determine adequate truck access to the project site for garbage collection, SU-40 truck turning templates were analyzed over the proposed project site conditions using Autoturn software to ensure that adequate turning radii was available entering, within, and exiting the project site at each driveway. Images of these analysis are available for right turns into and out of the project site and alleys in **Figure 15** and **Figure 16**, respectively, and for left turns into and out of the project site and alleys in **Figure 17** and **Figure 18**, respectively.

While there were no issues encountered with any of the left turn-movements, most right-turn movements require the trucks to encroach into the opposing lane in order to properly make the turns due to small curb radii leading into and out of the alleys, roadway widths, and presence of on-street parking.

At the Chico Avenue/Project Driveway intersection, issues were detected with right-turn movements into and out of the project site. Entering the project site, driveway dimensions require the truck to swing slightly beyond the raised median before realigning within the lane, while exiting the project site, the truck will have to turn into the opposing northbound lane before maneuvering back into the southbound lane. These findings were shared with the applicants civil engineer and the site plan was altered to adjust the Chico Avenue driveway to:

- Widen the driveway from 26 feet to 30 feet west of the entrance island
- Moved the island nose two feet to the west
- Widen the driveway at Chico Avenue from 54 feet to 58 feet

These adjustments satisfy the results to the truck access analysis as shown

Figure 15 – Truck Turning Movements – Right Turns In

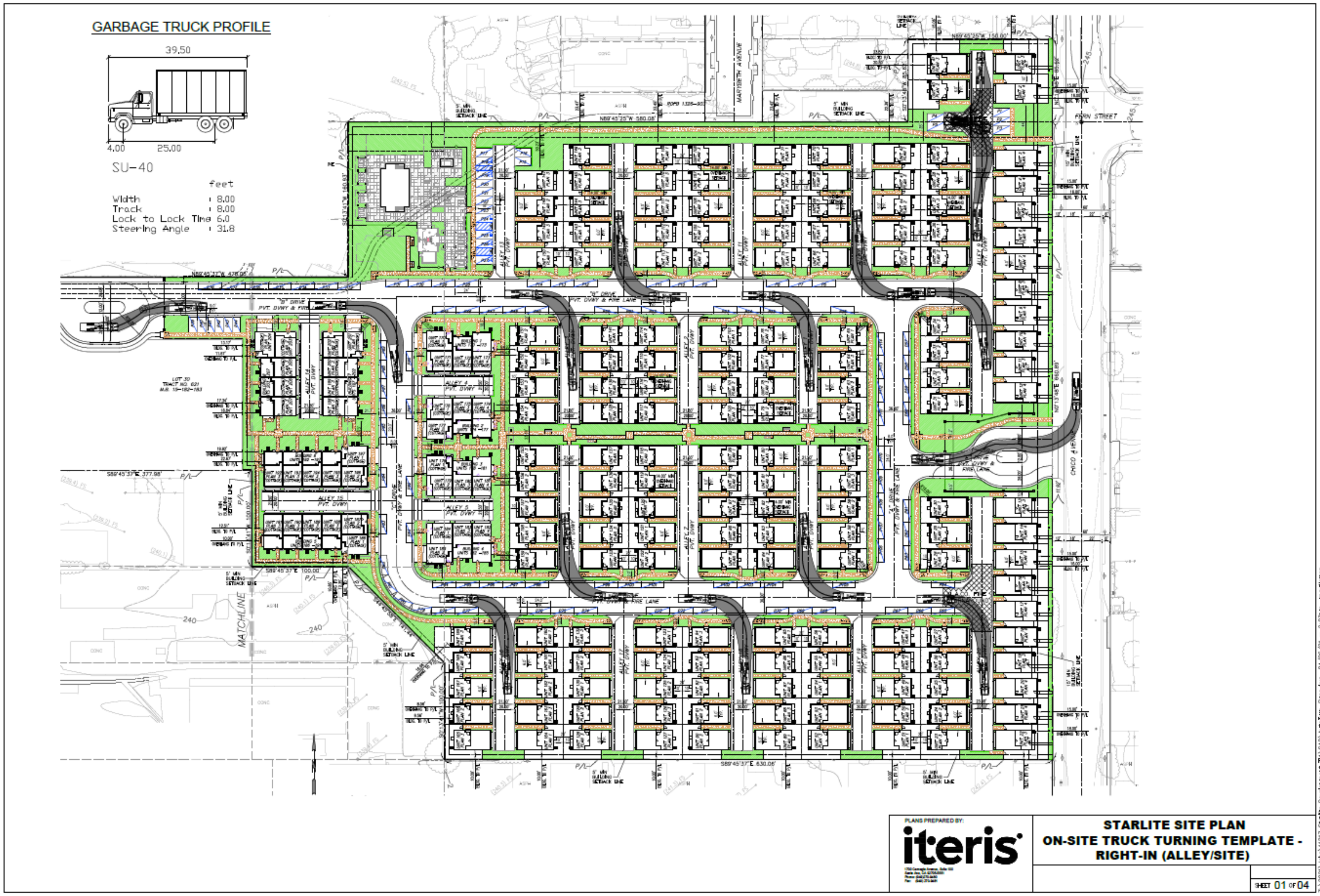


Figure 16 – Turck Turning Movements – Right Turns Out

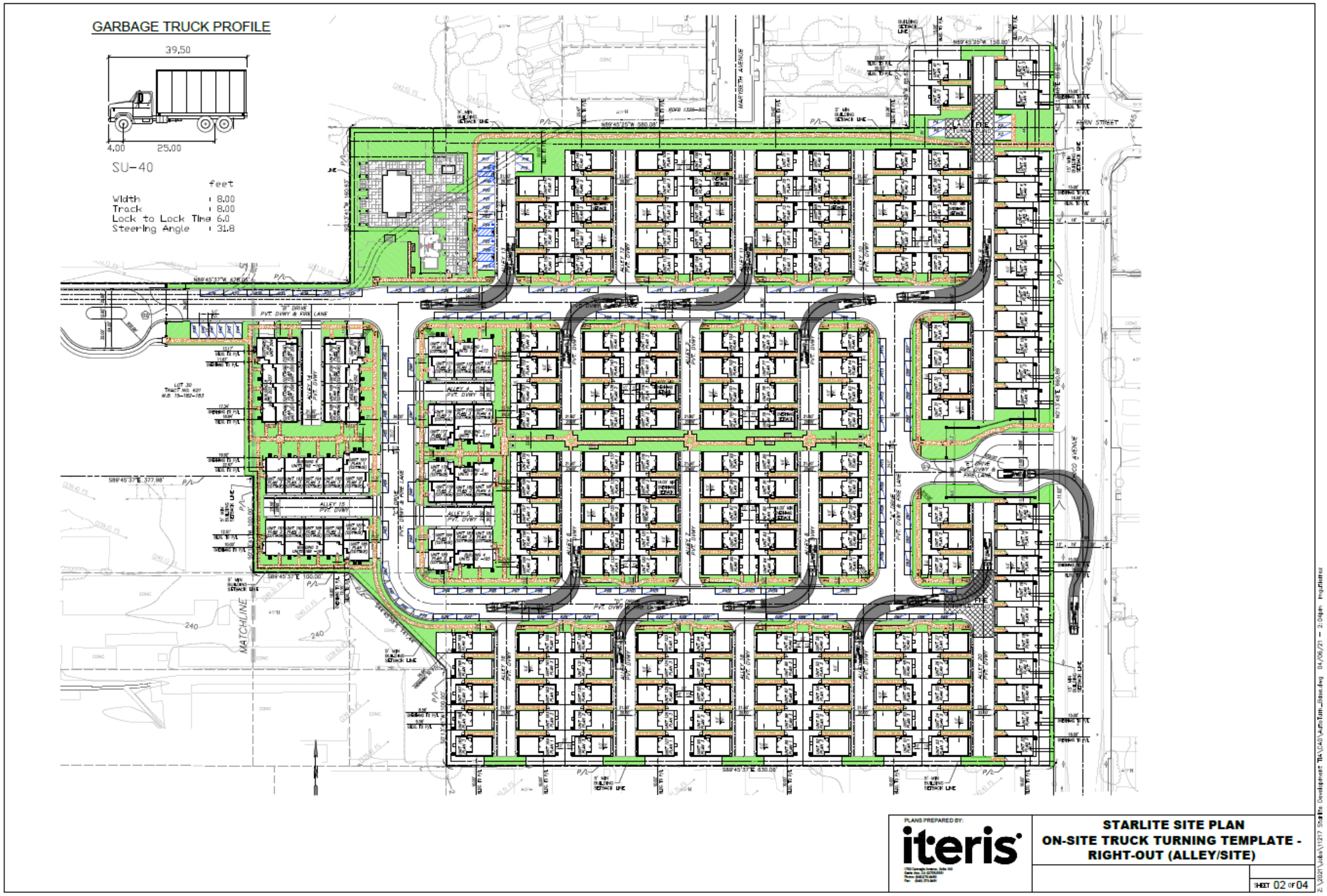


Figure 17 – Truck Turning Movements – Left Turns In

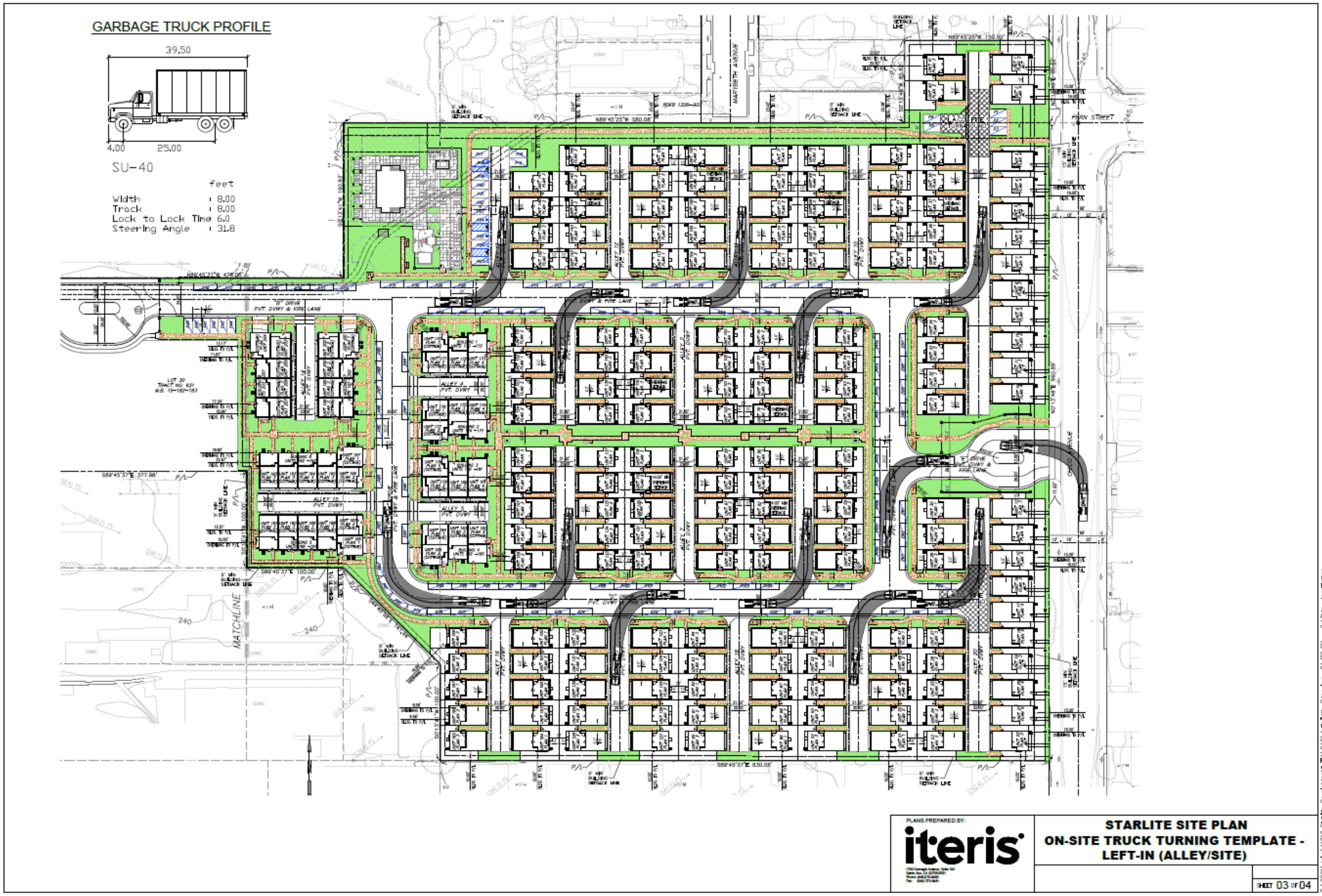


Figure 18 – Truck Turning Movements – Left Turns Out

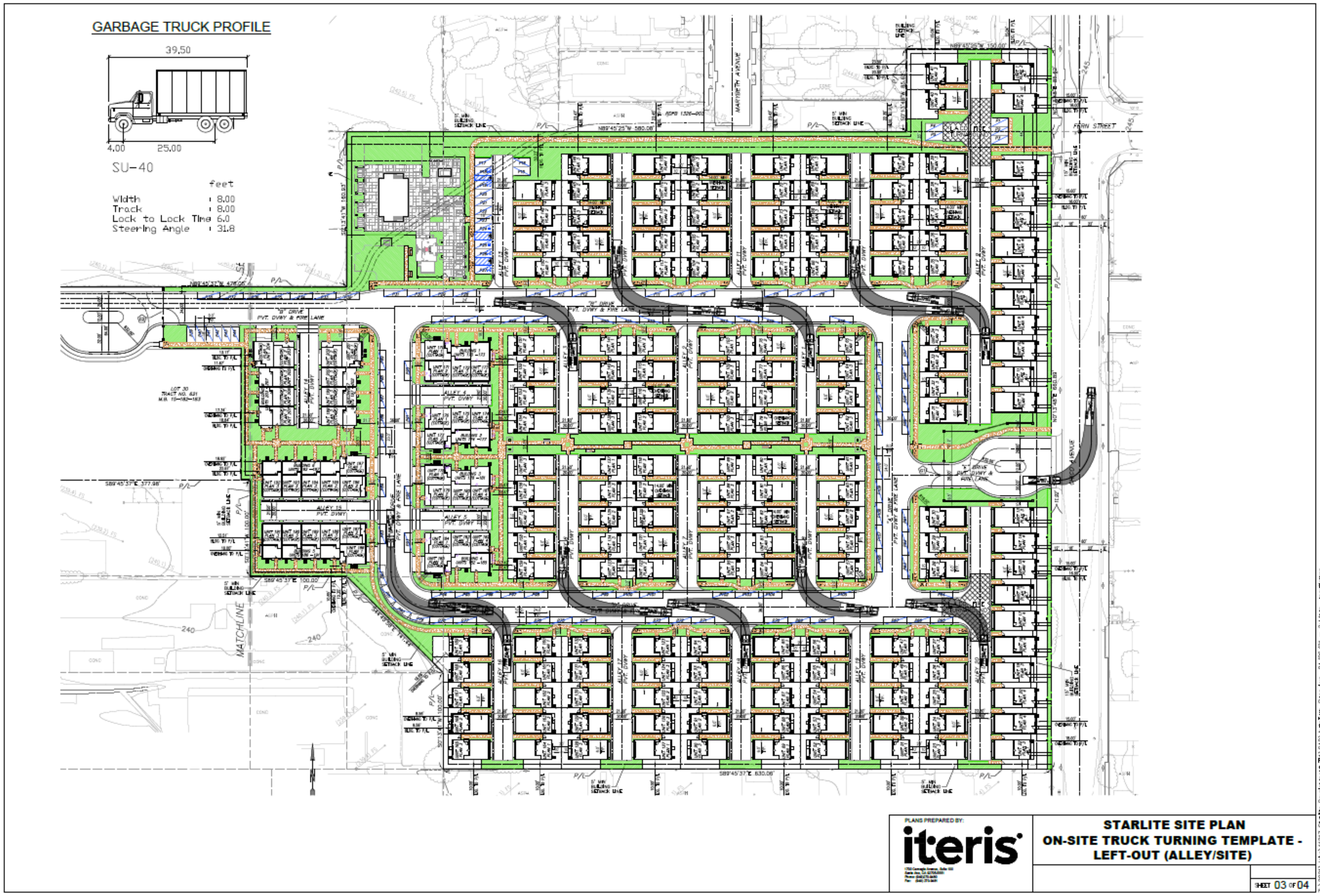
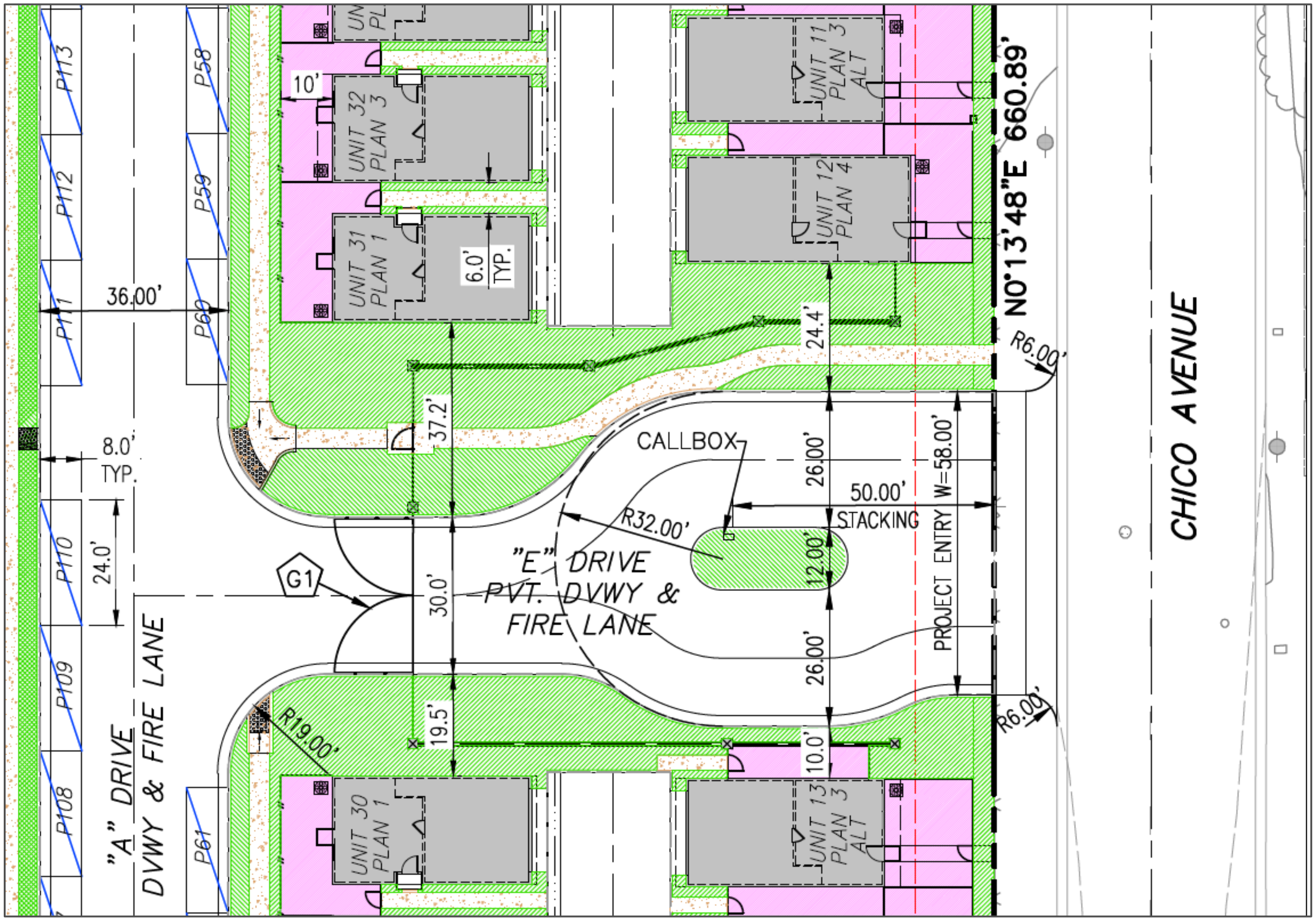


Figure 19 – Chico Avenue Driveway Revisions Based on Truck Access Analysis



10 CONSTRUCTION PERIOD

The contractor will prepare a construction traffic management plan that specifies the conditions under which the construction activities shall take place. The construction traffic management plan will specify details of any detours, coordination with emergency services and transit providers, coordination with adjacent property owners and tenants, advanced notification of temporary bus stop loss and/or bus line relocation, identification of temporary alternative bus routes, advanced notice of parking loss and replacement parking within a reasonable walking distance, use of designated haul routes and truck staging areas, observance of hours of operation restrictions, and appropriate signage for construction activities.

11 VMT ANALYSIS SCREENING ELIGIBILITY

CEQA analysis for determining potential significant transportation impacts from vehicle traffic transitioned from an automobile delay or capacity measure to a Vehicle Miles Traveled (VMT) of automobiles and light trucks metric in July 2020, as required by Senate Bill (SB) 743. VMT is an area-wide performance measure which helps compare the overall performance of a project or project alternatives and is also used as a metric to ultimately assess the transportation environmental impacts of a project. VMT analysis shifts the focus towards impacts caused by the distance traveled by vehicles rather than the localized congestion created by vehicles (i.e., intersection-level delay). VMT is generally calculated using a travel demand model that captures the movement of all trips over a highway network. Analysis is limited to automobile travel (automobiles and light-trucks) and excludes heavy trucks.

The City of South El Monte prepared City of South El Monte Transportation Study Guidelines for Vehicle Miles Traveled and Level of Service Assessment (October 2020) that provide technical guidance regarding assessment of VMT, thresholds of significance, and mitigation measures for land development and transportation projects in the unincorporated area.

The Project would add housing in a predominately commercial and industrial area that is well-served by public transportation, thereby diversifying the land use types and contributing to a reduction in vehicle miles traveled per capita.

The Project was analyzed using the San Gabriel Valley Council of Governments Vehicle Miles Traveled Evaluation Tool for the three Project parcels (APNs: 8102-037-020, 8102-037-022, 8102-037-024) in traffic analysis zone (TAZ) 22195100. The Project is not located in a Transit Priority Area and would have a project generated VMT rate of 12.67 home-based VMT per capita. When compared to the City VMT baseline value of 15.75 home-based VMT per capita and the 15 percent below baseline significance value of 13.39, the proposed Project is presumed to have a less than significant impact as shown in **Figures 20** and **21**.

Figure 20 – San Gabriel Valley Council of Governments VMT Evaluation Tool Report (Part 1)

SGVCOG VMT Evaluation Tool Report

Page 1

Project Details

Timestamp of Analysis: February 17, 2021, 03:09:04 PM

Project Name: Residential

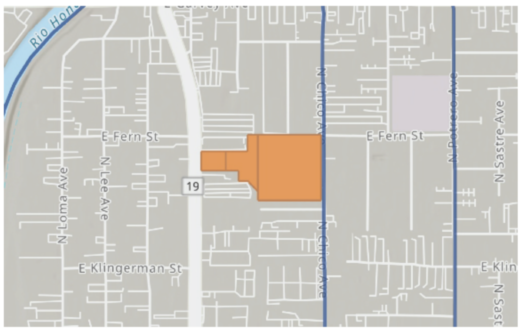
Project Description: 207 Residential Units

Project Location

Jurisdiction:
South El Monte

Inside a TPA?
No (Fail)

APN	TAZ
8102-037-020	22195100
8102-037-022	22195100
8102-037-024	22195100



Analysis Details

Data Version: SCAG Regional Travel Demand Model 2016 RTP Base Year 2012

Analysis Methodology: TAZ

Baseline Year: 2021

Project Land Use

Residential:

Single Family DU:	169
Multifamily DU:	38
Total DUs:	207

Non-Residential:

Office KSF:

Local Serving Retail KSF:

Industrial KSF:

Residential Affordability (percent of all units):

Extremely Low Income:	0 %
Very Low Income:	0 %
Low Income:	0 %

Parking:

Motor Vehicle Parking:

Bicycle Parking:

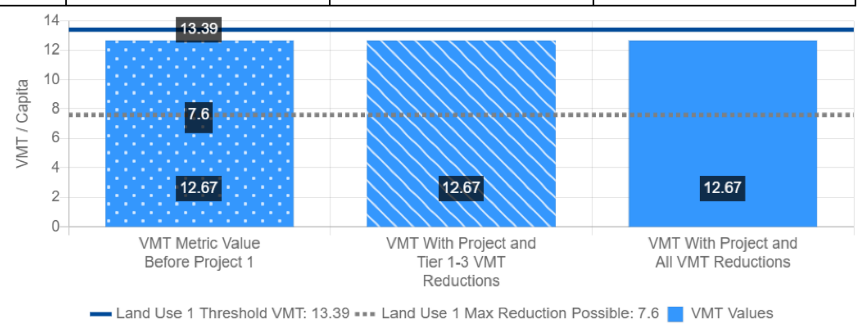
Figure 21 – San Gabriel Valley Council of Governments VMT Evaluation Tool Report (Part 2)

SGVCOG VMT Evaluation Tool Report

Residential Vehicle Miles Traveled (VMT) Screening Results

Land Use Type 1:	Residential
VMT Without Project 1:	Home-based VMT per Capita
VMT Baseline Description 1:	SGVCOG Average
VMT Baseline Value 1:	15.75
VMT Threshold Description 1:	-15%
Land Use 1 has been Pre-Screened by the Local Jurisdiction:	N/A

	Without Project	With Project & Tier 1-3 VMT Reductions	With Project & All VMT Reductions
Project Generated Vehicle Miles Traveled (VMT) Rate	12.67	12.67	12.67
Low VMT Screening Analysis	Yes (Pass)	Yes (Pass)	Yes (Pass)



12 CONCLUSIONS

The proposed Starlite Development project, located at 2540 Rosemead Boulevard, consists of 207 residential units, with 38 multi-family housing units and 169 detached single-family housing units. The proposed project is forecast to generate 143 new AM peak hour trips, 189 new PM peak hour trips, and 937 new daily trips.

The signalized Rosemead Boulevard/Garvey Avenue intersection is forecast to operate at LOS F during the PM peak hour with project conditions, though is not forecast to incur additional delay from project trips. Therefore, this intersection will not require improvements due to project impacts per the City's Guidelines.

The unsignalized Rosemead Boulevard/Fern Street intersection currently operates at LOS F conditions and is projected to incur additional delay due to project trips. Delay at this intersection affects predominantly the eastbound left and northbound left turn movements. However, this added delay will not result in the degradation of any movement from LOS D or better to LOS E or F. Therefore, this intersection will not require improvements due to project impacts per the City's Guidelines.

Additional analysis of the project site and project site access resulted in the following conclusions:

- Parking provided by the project more than satisfies minimum off-street parking requirements in the City's Municipal Code.
- Consider improving project site access and avoiding additional project trips at the already deficient northbound left-turn movement at the Rosemead Boulevard/Fern Street intersection, consider signalizing the Rosemead Boulevard/Driveway intersection and adding southbound and westbound left-turn access. This will also allow for improved pedestrian/bicycle crossing opportunities.
- The peak hour volumes for the northbound left turn movement at Chico Avenue/Project Driveway are not forecast to cause delays, though parking restrictions should be enacted on a 100-foot stretch of Chico Avenue to ensure adequate room for northbound through traffic to pass two stacked left-turning vehicles.
- Both the Rosemead Boulevard and Chico Avenue project driveways contain enough space for stacking vehicles entering and exiting the project site.
- To ensure adequate line of sight for vehicles traveling along Chico Avenue and exiting the project site at Chico Avenue/Project Driveway intersection, it is recommended that restrictions be placed for on-street parking on the west side of Chico Avenue north and south of the project driveway.
- Additional signage warning vehicles approaching the Chico Avenue/Fern Street intersection about pedestrians crossing and repainting of the crosswalk along the north leg of the intersection are recommended to improve pedestrian safety. If possible, curb ramps on either side of Chico Avenue should be better aligned with the crosswalk.
- Garbage trucks will have adequate space to accommodate their turning radii for all left turns in and out of project driveways and alleys and right turns entering and exiting the project site at the Chico Avenue driveway had turning conflicts removed after altering the site plan to add to the driveway width and adjustment to the island median.

As discussed in **Section 10**, a construction traffic management plan will be provided by the contractor that will specify staging and hours.

As discussed in **Section 11**, this project is eligible for screening from a full VMT analysis.

APPENDIX A – EXISTING TRAFFIC VOLUMES

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951)268-6268

City of South El Monte
N/S: Rosemead Boulevard
E/W: Garvey Avenue
Weather: Clear

File Name : 01_SEM_Rosemead_Garvey AM
Site Code : 10821002
Start Date : 1/12/2021
Page No : 1

Groups Printed- Total Volume

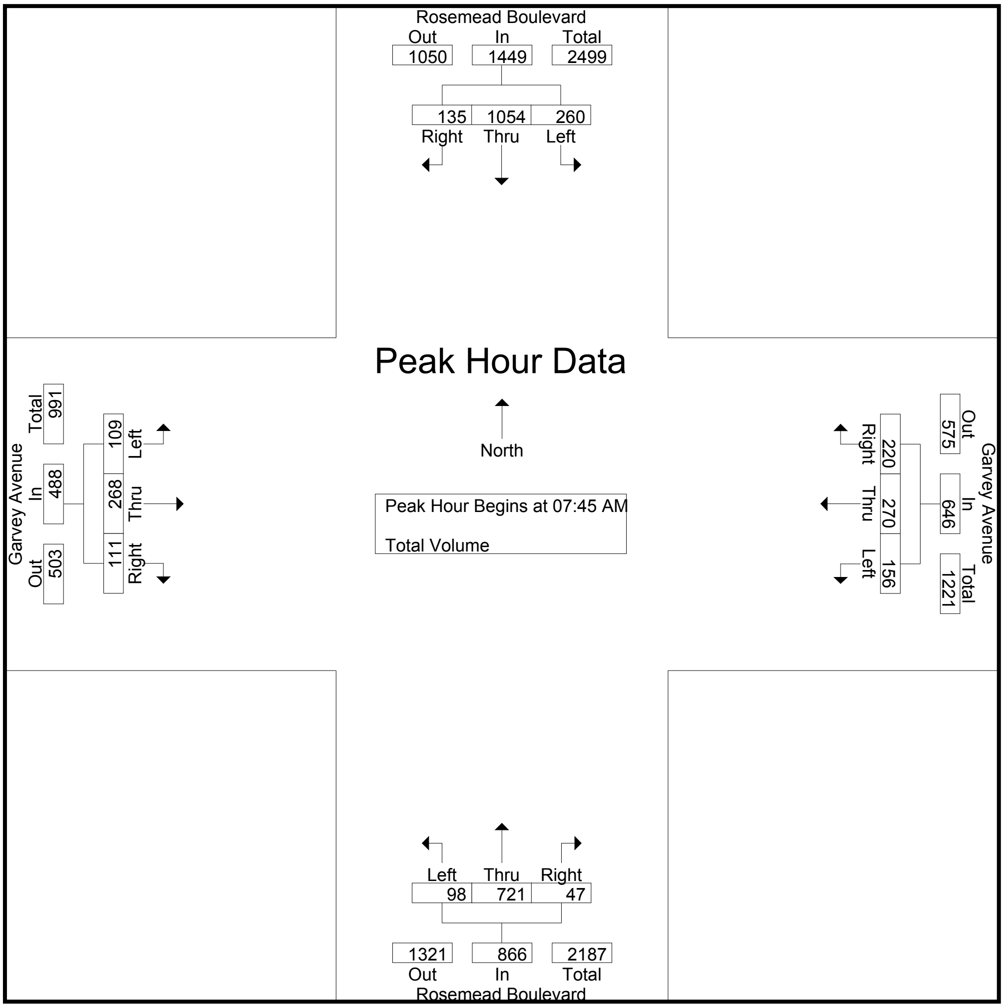
	Rosemead Boulevard Southbound				Garvey Avenue Westbound				Rosemead Boulevard Northbound				Garvey Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	35	166	11	212	23	44	42	109	9	130	4	143	17	40	14	71	535
07:15 AM	40	188	23	251	20	43	50	113	16	157	4	177	19	46	14	79	620
07:30 AM	65	223	21	309	34	76	64	174	23	169	6	198	33	61	19	113	794
07:45 AM	68	287	30	385	37	48	67	152	20	212	16	248	25	71	28	124	909
Total	208	864	85	1157	114	211	223	548	68	668	30	766	94	218	75	387	2858
08:00 AM	58	260	28	346	44	71	50	165	25	152	7	184	25	50	25	100	795
08:15 AM	53	251	33	337	40	71	47	158	25	177	12	214	27	62	24	113	822
08:30 AM	81	256	44	381	35	80	56	171	28	180	12	220	32	85	34	151	923
08:45 AM	66	227	37	330	44	82	61	187	30	188	16	234	26	56	26	108	859
Total	258	994	142	1394	163	304	214	681	108	697	47	852	110	253	109	472	3399
Grand Total	466	1858	227	2551	277	515	437	1229	176	1365	77	1618	204	471	184	859	6257
Apprch %	18.3	72.8	8.9		22.5	41.9	35.6		10.9	84.4	4.8		23.7	54.8	21.4		
Total %	7.4	29.7	3.6	40.8	4.4	8.2	7	19.6	2.8	21.8	1.2	25.9	3.3	7.5	2.9	13.7	

	Rosemead Boulevard Southbound				Garvey Avenue Westbound				Rosemead Boulevard Northbound				Garvey Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	68	**287**	30	**385**	37	48	**67**	152	20	**212**	**16**	**248**	25	71	28	124	909
08:00 AM	58	260	28	346	**44**	71	50	165	25	152	7	184	25	50	25	100	795
08:15 AM	53	251	33	337	40	71	47	158	25	177	12	214	27	62	24	113	822
08:30 AM	**81**	256	**44**	381	35	**80**	56	**171**	**28**	180	12	220	**32**	**85**	**34**	**151**	**923**
Total Volume	260	1054	135	1449	156	270	220	646	98	721	47	866	109	268	111	488	3449
% App. Total	17.9	72.7	9.3		24.1	41.8	34.1		11.3	83.3	5.4		22.3	54.9	22.7		
PHF	.802	.918	.767	.941	.886	.844	.821	.944	.875	.850	.734	.873	.852	.788	.816	.808	.934

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City of South El Monte
N/S: Rosemead Boulevard
E/W: Garvey Avenue
Weather: Clear

File Name : 01_SEM_Rosemead_Garvey AM
Site Code : 10821002
Start Date : 1/12/2021
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				08:00 AM				07:45 AM				07:45 AM			
+0 mins.	68	**287**	30	**385**	**44**	71	50	165	20	**212**	**16**	**248**	25	71	28	124
+15 mins.	58	260	28	346	40	71	47	158	25	152	7	184	25	50	25	100
+30 mins.	53	251	33	337	35	80	56	171	25	177	12	214	27	62	24	113
+45 mins.	**81**	256	**44**	381	44	**82**	**61**	**187**	**28**	180	12	220	**32**	**85**	**34**	**151**
Total Volume	260	1054	135	1449	163	304	214	681	98	721	47	866	109	268	111	488
% App. Total	17.9	72.7	9.3		23.9	44.6	31.4		11.3	83.3	5.4		22.3	54.9	22.7	
PHF	.802	.918	.767	.941	.926	.927	.877	.910	.875	.850	.734	.873	.852	.788	.816	.808

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City of South El Monte
N/S: Rosemead Boulevard
E/W: Garvey Avenue
Weather: Clear

File Name : 01_SEM_Rosemead_Garvey PM
Site Code : 10821002
Start Date : 1/12/2021
Page No : 1

Groups Printed- Total Volume

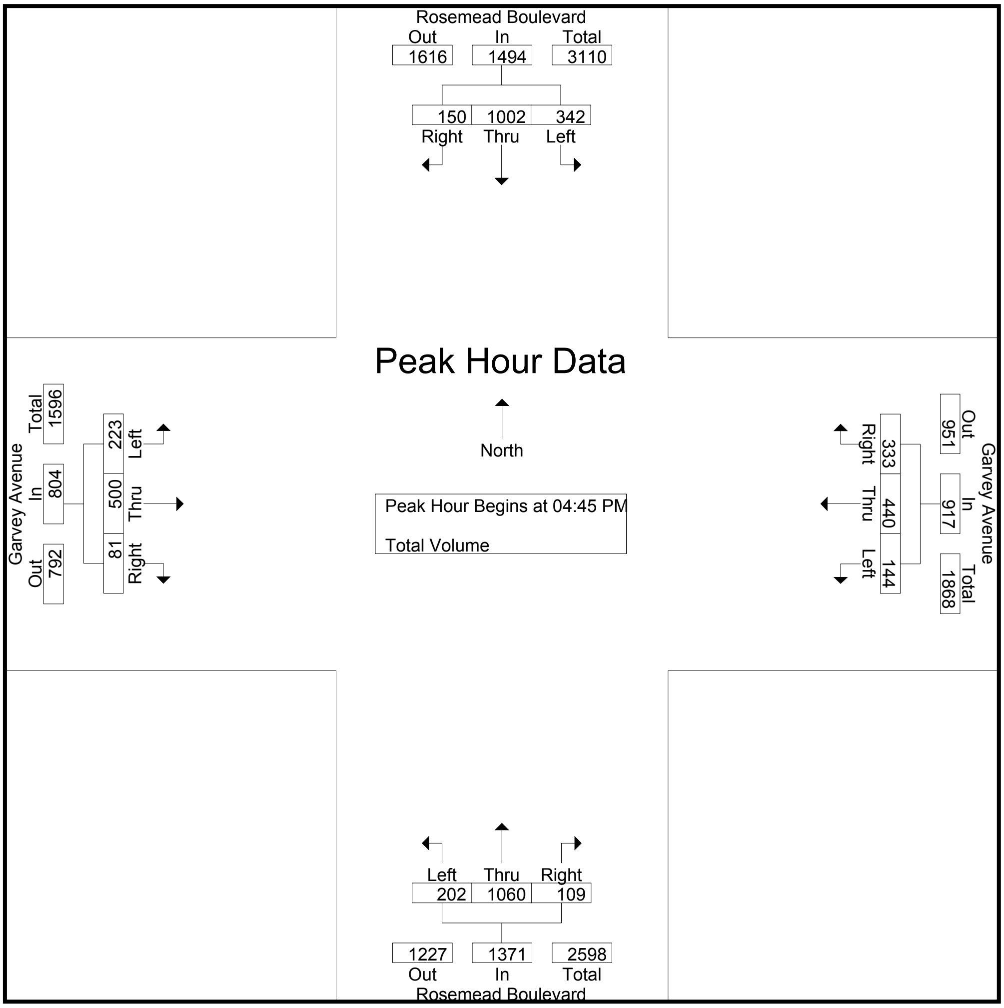
	Rosemead Boulevard Southbound				Garvey Avenue Westbound				Rosemead Boulevard Northbound				Garvey Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	113	263	48	424	42	103	81	226	49	208	27	284	69	122	27	218	1152
04:15 PM	146	238	39	423	34	91	85	210	54	235	32	321	41	117	27	185	1139
04:30 PM	119	255	49	423	35	94	76	205	61	221	21	303	42	119	30	191	1122
04:45 PM	51	226	41	318	29	96	90	215	40	258	36	334	50	125	21	196	1063
Total	429	982	177	1588	140	384	332	856	204	922	116	1242	202	483	105	790	4476
05:00 PM	102	291	37	430	36	121	86	243	55	261	14	330	61	131	20	212	1215
05:15 PM	107	244	30	381	43	120	72	235	54	275	34	363	62	119	19	200	1179
05:30 PM	82	241	42	365	36	103	85	224	53	266	25	344	50	125	21	196	1129
05:45 PM	94	194	37	325	27	92	66	185	49	247	22	318	50	102	10	162	990
Total	385	970	146	1501	142	436	309	887	211	1049	95	1355	223	477	70	770	4513
Grand Total	814	1952	323	3089	282	820	641	1743	415	1971	211	2597	425	960	175	1560	8989
Apprch %	26.4	63.2	10.5		16.2	47	36.8		16	75.9	8.1		27.2	61.5	11.2		
Total %	9.1	21.7	3.6	34.4	3.1	9.1	7.1	19.4	4.6	21.9	2.3	28.9	4.7	10.7	1.9	17.4	

	Rosemead Boulevard Southbound				Garvey Avenue Westbound				Rosemead Boulevard Northbound				Garvey Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	51	226	41	318	29	96	**90**	215	40	258	**36**	334	50	125	**21**	196	1063
05:00 PM	102	**291**	37	**430**	36	**121**	86	**243**	**55**	261	14	330	61	**131**	20	**212**	**1215**
05:15 PM	**107**	244	30	381	**43**	120	72	235	54	**275**	34	**363**	**62**	119	19	200	1179
05:30 PM	82	241	**42**	365	36	103	85	224	53	266	25	344	50	125	21	196	1129
Total Volume	342	1002	150	1494	144	440	333	917	202	1060	109	1371	223	500	81	804	4586
% App. Total	22.9	67.1	10		15.7	48	36.3		14.7	77.3	8		27.7	62.2	10.1		
PHF	.799	.861	.893	.869	.837	.909	.925	.943	.918	.964	.757	.944	.899	.954	.964	.948	.944

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City of South El Monte
N/S: Rosemead Boulevard
E/W: Garvey Avenue
Weather: Clear

File Name : 01_SEM_Rosemead_Garvey PM
Site Code : 10821002
Start Date : 1/12/2021
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:45 PM				04:45 PM				04:45 PM			
+0 mins.	**146**	238	39	423	29	96	**90**	215	40	258	**36**	334	50	125	**21**	196
+15 mins.	119	255	**49**	423	36	**121**	86	**243**	**55**	261	14	330	61	**131**	20	**212**
+30 mins.	51	226	41	318	**43**	120	72	235	54	**275**	34	**363**	**62**	119	19	200
+45 mins.	102	**291**	37	**430**	36	103	85	224	53	266	25	344	50	125	21	196
Total Volume	418	1010	166	1594	144	440	333	917	202	1060	109	1371	223	500	81	804
% App. Total	26.2	63.4	10.4		15.7	48	36.3		14.7	77.3	8		27.7	62.2	10.1	
PHF	.716	.868	.847	.927	.837	.909	.925	.943	.918	.964	.757	.944	.899	.954	.964	.948

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City of South El Monte
N/S: Rosemead Boulevard
E/W: Fern Street
Weather: Clear

File Name : 05_SEM_Rosemead_Fern AM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 1

Groups Printed- Total Volume

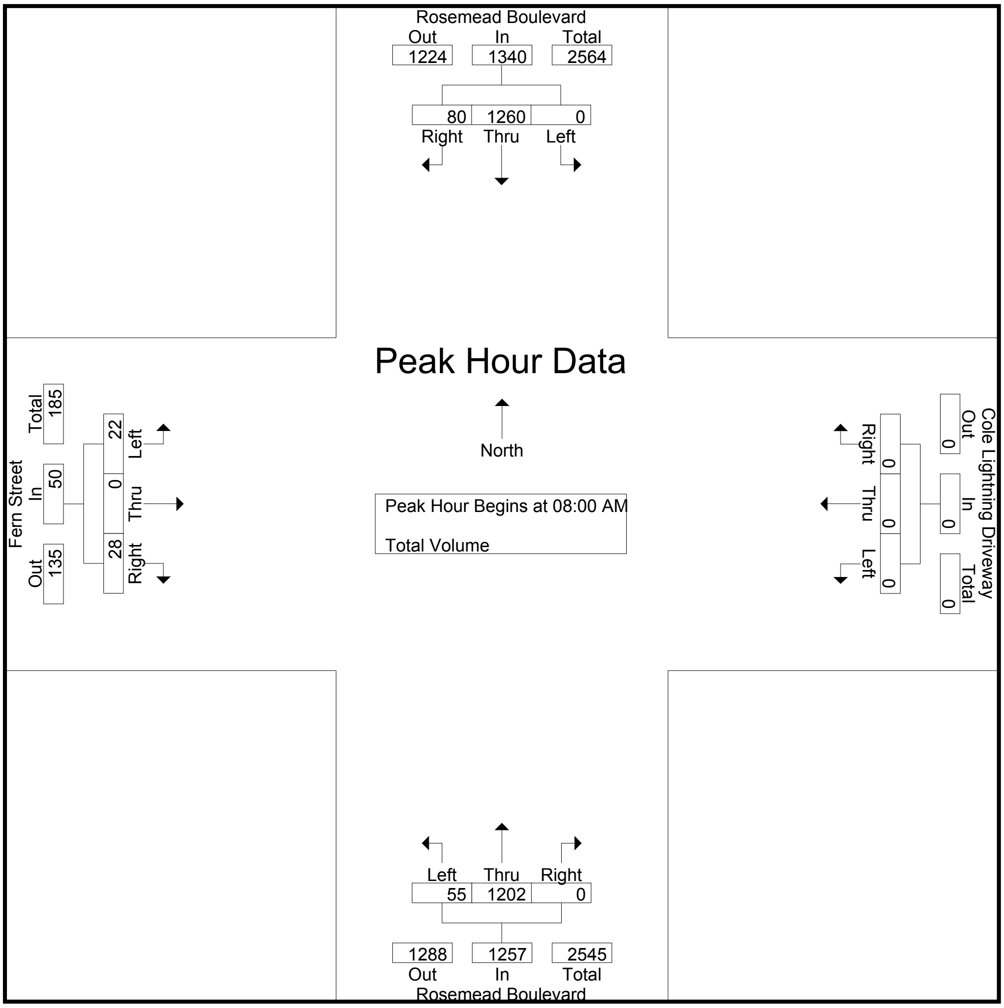
	Rosemead Boulevard Southbound				Cole Lightning Driveway Westbound				Rosemead Boulevard Northbound				Fern Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	208	10	218	0	0	0	0	10	213	0	223	5	0	2	7	448
07:15 AM	0	218	14	232	0	0	0	0	9	206	0	215	2	0	0	2	449
07:30 AM	0	289	5	294	0	0	0	0	11	276	0	287	3	0	7	10	591
07:45 AM	0	323	17	340	0	0	0	0	10	331	0	341	1	0	3	4	685
Total	0	1038	46	1084	0	0	0	0	40	1026	0	1066	11	0	12	23	2173
08:00 AM	0	331	25	356	0	0	0	0	16	269	0	285	7	0	8	15	656
08:15 AM	0	313	15	328	0	0	0	0	13	319	0	332	5	0	6	11	671
08:30 AM	0	298	18	316	0	0	0	0	15	286	0	301	6	0	9	15	632
08:45 AM	0	318	22	340	0	0	0	0	11	328	0	339	4	0	5	9	688
Total	0	1260	80	1340	0	0	0	0	55	1202	0	1257	22	0	28	50	2647
Grand Total	0	2298	126	2424	0	0	0	0	95	2228	0	2323	33	0	40	73	4820
Apprch %	0	94.8	5.2		0	0	0		4.1	95.9	0		45.2	0	54.8		
Total %	0	47.7	2.6	50.3	0	0	0	0	2	46.2	0	48.2	0.7	0	0.8	1.5	

	Rosemead Boulevard Southbound				Cole Lightning Driveway Westbound				Rosemead Boulevard Northbound				Fern Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	0	**331**	**25**	**356**	0	0	0	0	**16**	269	0	285	**7**	0	8	**15**	656
08:15 AM	0	313	15	328	0	0	0	0	13	319	0	332	5	0	6	11	671
08:30 AM	0	298	18	316	0	0	0	0	15	286	0	301	6	0	**9**	15	632
08:45 AM	0	318	22	340	0	0	0	0	11	**328**	0	**339**	4	0	5	9	**688**
Total Volume	0	1260	80	1340	0	0	0	0	55	1202	0	1257	22	0	28	50	2647
% App. Total	0	94	6		0	0	0		4.4	95.6	0		44	0	56		
PHF	.000	.952	.800	.941	.000	.000	.000	.000	.859	.916	.000	.927	.786	.000	.778	.833	.962

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City of South El Monte
N/S: Rosemead Boulevard
E/W: Fern Street
Weather: Clear

File Name : 05_SEM_Rosemead_Fern AM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:00 AM				07:45 AM				08:00 AM			
+0 mins.	0	323	17	340	0	0	0	0	10	**331**	0	**341**	**7**	0	8	**15**
+15 mins.	0	**331**	**25**	**356**	0	0	0	0	**16**	269	0	285	5	0	6	11
+30 mins.	0	313	15	328	0	0	0	0	13	319	0	332	6	0	**9**	15
+45 mins.	0	298	18	316	0	0	0	0	15	286	0	301	4	0	5	9
Total Volume	0	1265	75	1340	0	0	0	0	54	1205	0	1259	22	0	28	50
% App. Total	0	94.4	5.6		0	0	0		4.3	95.7	0		44	0	56	
PHF	.000	.955	.750	.941	.000	.000	.000	.000	.844	.910	.000	.923	.786	.000	.778	.833

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City of South El Monte
N/S: Rosemead Boulevard
E/W: Fern Street
Weather: Clear

File Name : 05_SEM_Rosemead_Fern PM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 1

Groups Printed- Total Volume

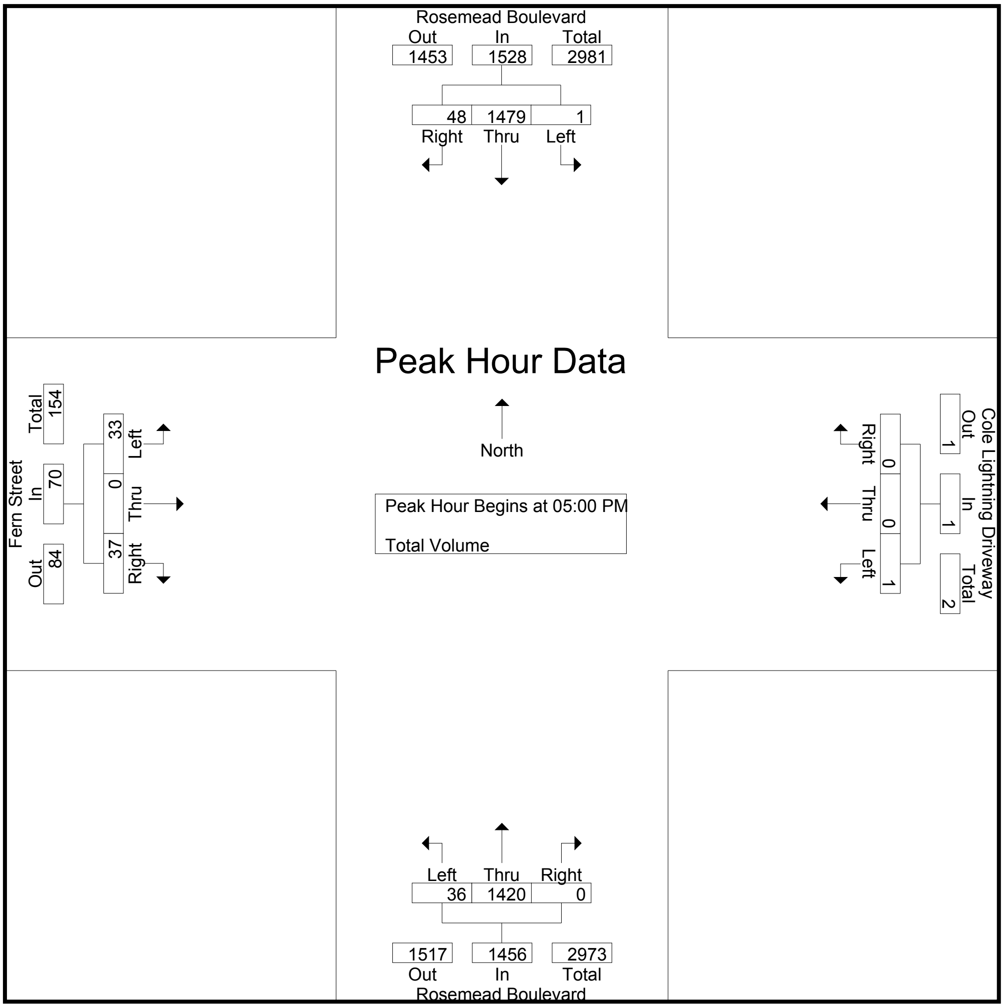
	Rosemead Boulevard Southbound				Cole Lightning Driveway Westbound				Rosemead Boulevard Northbound				Fern Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	357	7	364	0	0	0	0	10	330	0	340	10	0	14	24	728
04:15 PM	0	381	9	390	0	0	0	0	10	307	0	317	9	0	16	25	732
04:30 PM	0	406	10	416	0	0	0	0	18	334	0	352	14	0	9	23	791
04:45 PM	0	325	11	336	0	0	0	0	10	305	0	315	12	0	9	21	672
Total	0	1469	37	1506	0	0	0	0	48	1276	0	1324	45	0	48	93	2923
05:00 PM	0	365	11	376	1	0	0	1	11	369	0	380	11	0	12	23	780
05:15 PM	1	370	8	379	0	0	0	0	8	338	0	346	5	0	9	14	739
05:30 PM	0	406	18	424	0	0	0	0	9	365	0	374	11	0	8	19	817
05:45 PM	0	338	11	349	0	0	0	0	8	348	0	356	6	0	8	14	719
Total	1	1479	48	1528	1	0	0	1	36	1420	0	1456	33	0	37	70	3055
Grand Total	1	2948	85	3034	1	0	0	1	84	2696	0	2780	78	0	85	163	5978
Apprch %	0	97.2	2.8		100	0	0		3	97	0		47.9	0	52.1		
Total %	0	49.3	1.4	50.8	0	0	0	0	1.4	45.1	0	46.5	1.3	0	1.4	2.7	

	Rosemead Boulevard Southbound				Cole Lightning Driveway Westbound				Rosemead Boulevard Northbound				Fern Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	365	11	376	**1**	0	0	**1**	**11**	**369**	0	**380**	**11**	0	**12**	**23**	780
05:15 PM	**1**	370	8	379	0	0	0	0	8	338	0	346	5	0	9	14	739
05:30 PM	0	**406**	**18**	**424**	0	0	0	0	9	365	0	374	11	0	8	19	**817**
05:45 PM	0	338	11	349	0	0	0	0	8	348	0	356	6	0	8	14	719
Total Volume	1	1479	48	1528	1	0	0	1	36	1420	0	1456	33	0	37	70	3055
% App. Total	0.1	96.8	3.1		100	0	0		2.5	97.5	0		47.1	0	52.9		
PHF	.250	.911	.667	.901	.250	.000	.000	.250	.818	.962	.000	.958	.750	.000	.771	.761	.935

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City of South El Monte
N/S: Rosemead Boulevard
E/W: Fern Street
Weather: Clear

File Name : 05_SEM_Rosemead_Fern PM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:15 PM				05:00 PM				04:00 PM			
+0 mins.	0	365	11	376	0	0	0	0	**11**	**369**	0	**380**	10	0	14	24
+15 mins.	**1**	370	8	379	0	0	0	0	8	338	0	346	9	0	**16**	**25**
+30 mins.	0	**406**	**18**	**424**	0	0	0	0	9	365	0	374	**14**	0	9	23
+45 mins.	0	338	11	349	**1**	0	0	**1**	8	348	0	356	12	0	9	21
Total Volume	1	1479	48	1528	1	0	0	1	36	1420	0	1456	45	0	48	93
% App. Total	0.1	96.8	3.1		100	0	0		2.5	97.5	0		48.4	0	51.6	
PHF	.250	.911	.667	.901	.250	.000	.000	.250	.818	.962	.000	.958	.804	.000	.750	.930

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City of South El Monte
N/S: Chico Avenue
E/W: Garvey Avenue
Weather: Clear

File Name : 03_SEM_Chico_Garvey AM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 1

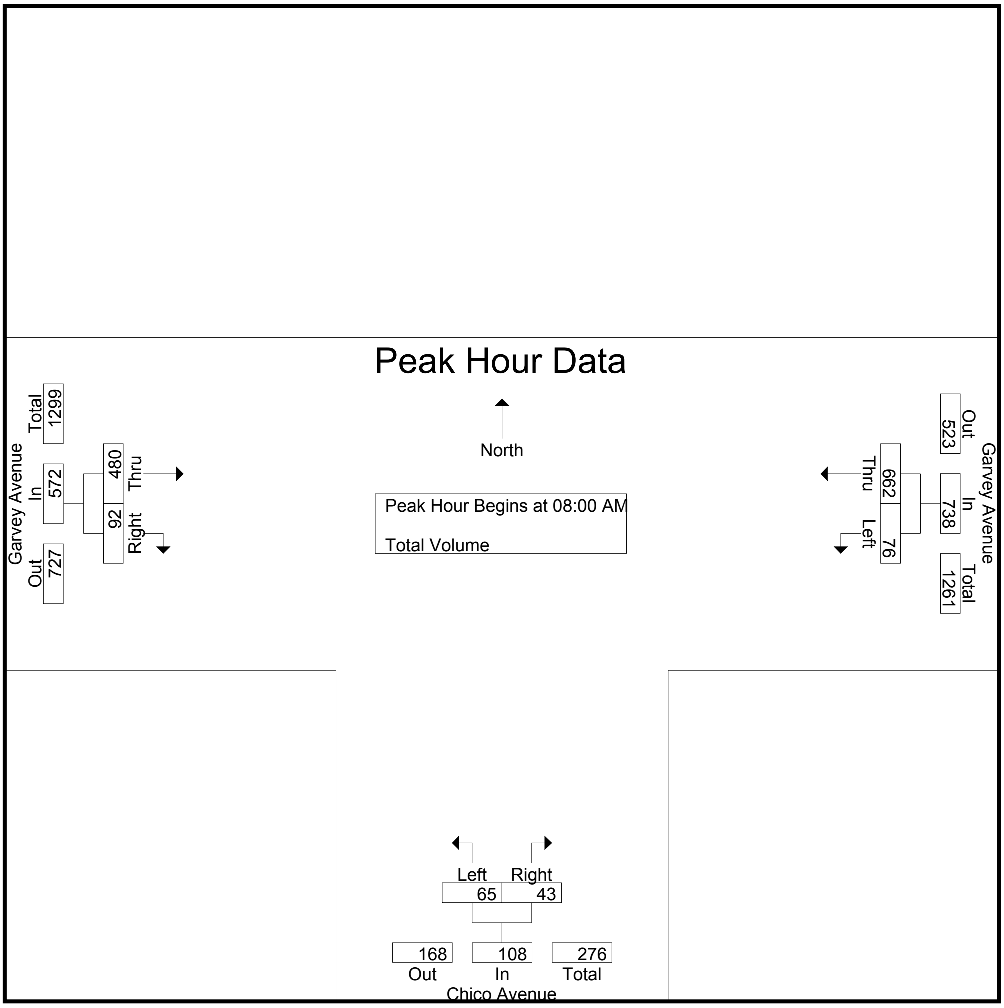
Groups Printed- Total Volume

	Garvey Avenue Westbound			Chico Avenue Northbound			Garvey Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	11	106	117	13	12	25	60	14	74	216
07:15 AM	20	135	155	14	6	20	90	21	111	286
07:30 AM	16	132	148	10	4	14	99	21	120	282
07:45 AM	26	177	203	13	13	26	124	24	148	377
Total	73	550	623	50	35	85	373	80	453	1161
08:00 AM	20	160	180	15	14	29	119	24	143	352
08:15 AM	23	166	189	20	10	30	111	22	133	352
08:30 AM	10	160	170	10	5	15	117	28	145	330
08:45 AM	23	176	199	20	14	34	133	18	151	384
Total	76	662	738	65	43	108	480	92	572	1418
Grand Total	149	1212	1361	115	78	193	853	172	1025	2579
Apprch %	10.9	89.1		59.6	40.4		83.2	16.8		
Total %	5.8	47	52.8	4.5	3	7.5	33.1	6.7	39.7	

	Garvey Avenue Westbound			Chico Avenue Northbound			Garvey Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	20	160	180	15	**14**	29	119	24	143	352
08:15 AM	**23**	166	189	**20**	10	30	111	22	133	352
08:30 AM	10	160	170	10	5	15	117	**28**	145	330
08:45 AM	23	**176**	**199**	20	14	**34**	**133**	18	**151**	**384**
Total Volume	76	662	738	65	43	108	480	92	572	1418
% App. Total	10.3	89.7		60.2	39.8		83.9	16.1		
PHF	.826	.940	.927	.813	.768	.794	.902	.821	.947	.923

City of South El Monte
N/S: Chico Avenue
E/W: Garvey Avenue
Weather: Clear

File Name : 03_SEM_Chico_Garvey AM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			08:00 AM			08:00 AM		
+0 mins.	**26**	**177**	**203**	15	**14**	29	119	24	143
+15 mins.	20	160	180	**20**	10	30	111	22	133
+30 mins.	23	166	189	10	5	15	117	**28**	145
+45 mins.	10	160	170	20	14	**34**	**133**	18	**151**
Total Volume	79	663	742	65	43	108	480	92	572
% App. Total	10.6	89.4		60.2	39.8		83.9	16.1	
PHF	.760	.936	.914	.813	.768	.794	.902	.821	.947

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City of South El Monte
N/S: Chico Avenue
E/W: Garvey Avenue
Weather: Clear

File Name : 03_SEM_Chico_Garvey PM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 1

Groups Printed- Total Volume

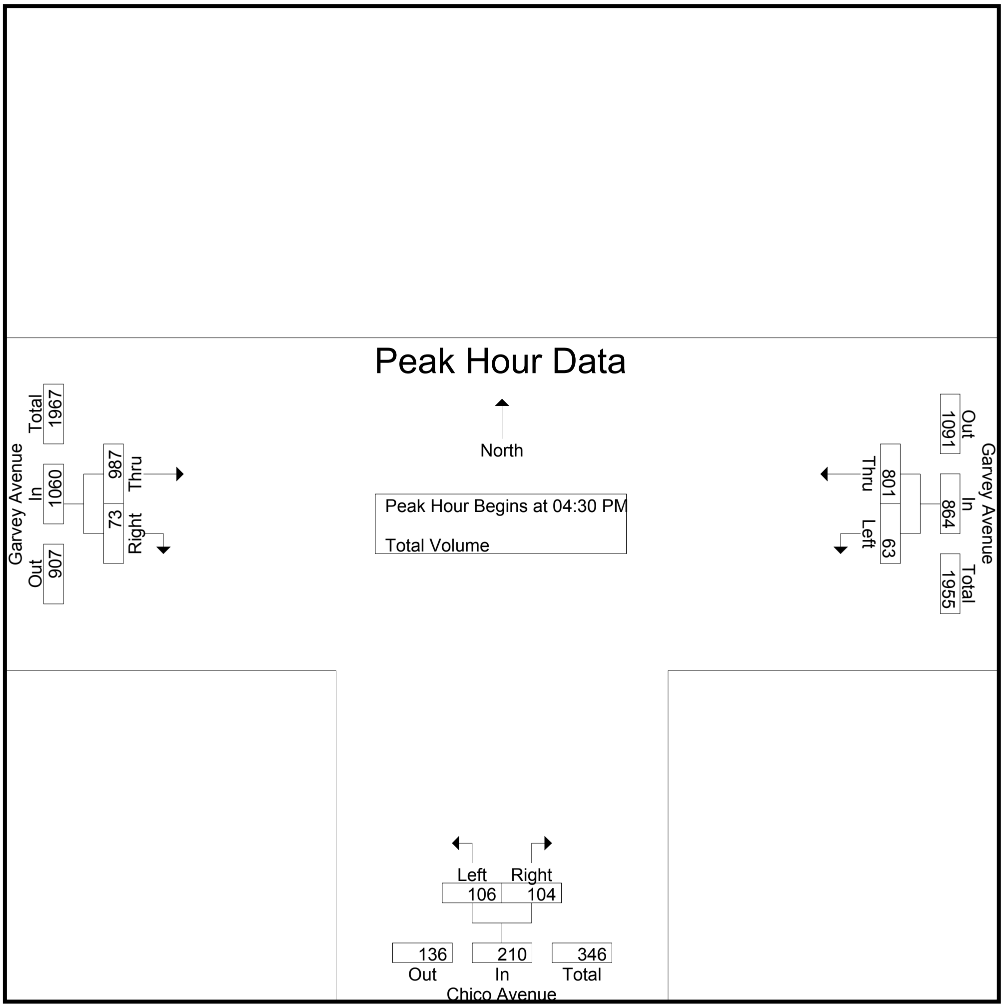
	Garvey Avenue Westbound			Chico Avenue Northbound			Garvey Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	10	197	207	30	18	48	192	23	215	470
04:15 PM	13	155	168	22	13	35	250	13	263	466
04:30 PM	15	187	202	34	36	70	266	18	284	556
04:45 PM	23	196	219	21	30	51	232	21	253	523
Total	61	735	796	107	97	204	940	75	1015	2015
05:00 PM	14	209	223	30	15	45	246	16	262	530
05:15 PM	11	209	220	21	23	44	243	18	261	525
05:30 PM	14	179	193	27	25	52	229	15	244	489
05:45 PM	10	196	206	41	26	67	252	18	270	543
Total	49	793	842	119	89	208	970	67	1037	2087
Grand Total	110	1528	1638	226	186	412	1910	142	2052	4102
Apprch %	6.7	93.3		54.9	45.1		93.1	6.9		
Total %	2.7	37.3	39.9	5.5	4.5	10	46.6	3.5	50	

	Garvey Avenue Westbound			Chico Avenue Northbound			Garvey Avenue Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:30 PM										
04:30 PM	15	187	202	**34**	**36**	**70**	**266**	18	**284**	**556**
04:45 PM	**23**	196	219	21	30	51	232	**21**	253	523
05:00 PM	14	**209**	**223**	30	15	45	246	16	262	530
05:15 PM	11	209	220	21	23	44	243	18	261	525
Total Volume	63	801	864	106	104	210	987	73	1060	2134
% App. Total	7.3	92.7		50.5	49.5		93.1	6.9		
PHF	.685	.958	.969	.779	.722	.750	.928	.869	.933	.960

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City of South El Monte
N/S: Chico Avenue
E/W: Garvey Avenue
Weather: Clear

File Name : 03_SEM_Chico_Garvey PM
Site Code : 04221083
Start Date : 3/4/2021
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Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:30 PM			04:15 PM		
+0 mins.	15	187	202	**34**	**36**	**70**	250	13	263
+15 mins.	**23**	196	219	21	30	51	**266**	18	**284**
+30 mins.	14	**209**	**223**	30	15	45	232	**21**	253
+45 mins.	11	209	220	21	23	44	246	16	262
Total Volume	63	801	864	106	104	210	994	68	1062
% App. Total	7.3	92.7		50.5	49.5		93.6	6.4	
PHF	.685	.958	.969	.779	.722	.750	.934	.810	.935

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City of South El Monte
N/S: Chico Avenue
E/W: Fern Street
Weather: Clear

File Name : 01_SEM_Chico_Fern AM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 1

Groups Printed- Total Volume

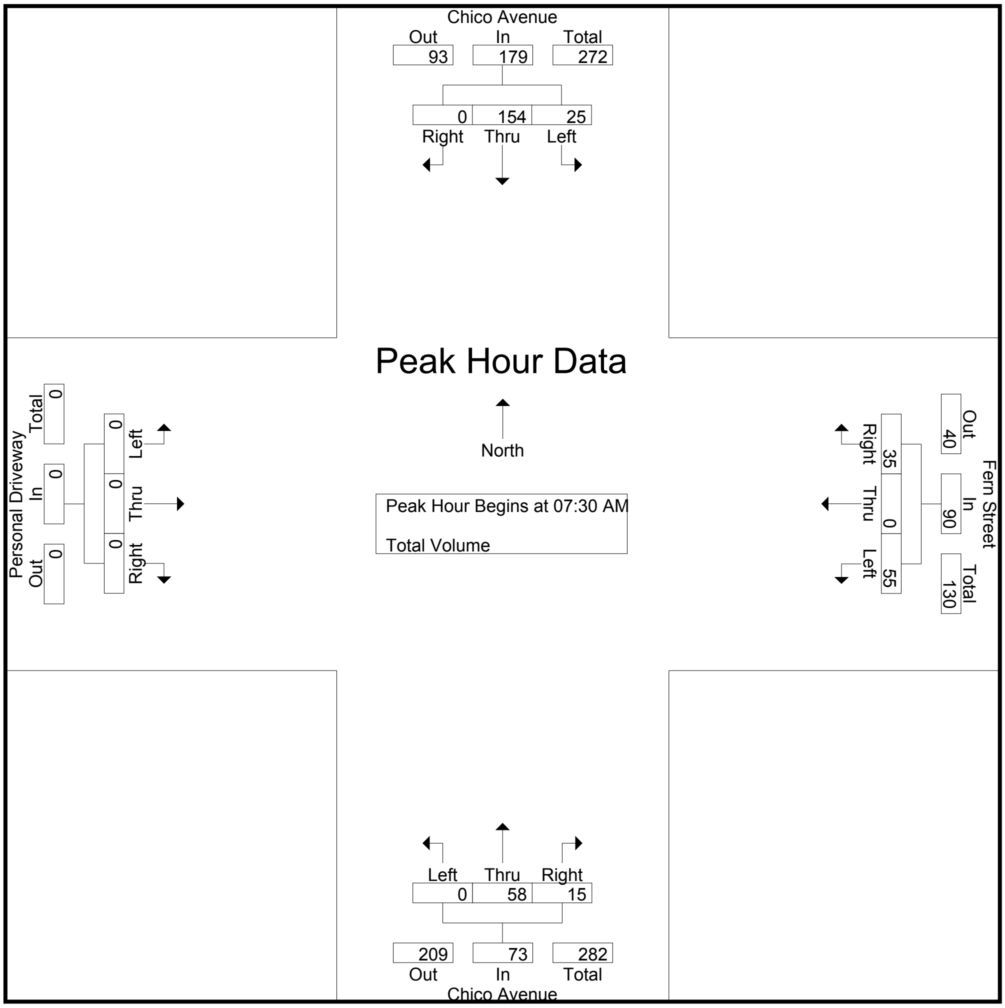
	Chico Avenue Southbound				Fern Street Westbound				Chico Avenue Northbound				Personal Driveway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	3	20	0	23	19	0	7	26	0	17	2	19	0	0	0	0	68
07:15 AM	6	35	0	41	10	0	9	19	0	8	1	9	0	0	0	0	69
07:30 AM	7	37	0	44	18	0	5	23	0	9	3	12	0	0	0	0	79
07:45 AM	10	49	0	59	19	0	14	33	0	15	2	17	0	0	0	0	109
Total	26	141	0	167	66	0	35	101	0	49	8	57	0	0	0	0	325
08:00 AM	7	32	0	39	11	0	8	19	0	15	4	19	0	0	0	0	77
08:15 AM	1	36	0	37	7	0	8	15	0	19	6	25	0	0	0	0	77
08:30 AM	9	32	0	41	9	0	11	20	0	8	3	11	0	0	0	0	72
08:45 AM	10	32	0	42	9	0	17	26	0	19	3	22	0	0	0	0	90
Total	27	132	0	159	36	0	44	80	0	61	16	77	0	0	0	0	316
Grand Total	53	273	0	326	102	0	79	181	0	110	24	134	0	0	0	0	641
Apprch %	16.3	83.7	0		56.4	0	43.6		0	82.1	17.9		0	0	0		
Total %	8.3	42.6	0	50.9	15.9	0	12.3	28.2	0	17.2	3.7	20.9	0	0	0	0	

	Chico Avenue Southbound				Fern Street Westbound				Chico Avenue Northbound				Personal Driveway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	7	37	0	44	18	0	5	23	0	9	3	12	0	0	0	0	79
07:45 AM	**10**	**49**	0	**59**	**19**	0	**14**	**33**	0	15	2	17	0	0	0	0	**109**
08:00 AM	7	32	0	39	11	0	8	19	0	15	4	19	0	0	0	0	77
08:15 AM	1	36	0	37	7	0	8	15	0	**19**	**6**	**25**	0	0	0	0	77
Total Volume	25	154	0	179	55	0	35	90	0	58	15	73	0	0	0	0	342
% App. Total	14	86	0		61.1	0	38.9		0	79.5	20.5		0	0	0		
PHF	.625	.786	.000	.758	.724	.000	.625	.682	.000	.763	.625	.730	.000	.000	.000	.000	.784

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City of South El Monte
N/S: Chico Avenue
E/W: Fern Street
Weather: Clear

File Name : 01_SEM_Chico_Fern AM
Site Code : 04221083
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Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:00 AM				08:00 AM				07:00 AM			
+0 mins.	6	35	0	41	**19**	0	7	26	0	15	4	19	0	0	0	0
+15 mins.	7	37	0	44	10	0	9	19	0	**19**	**6**	**25**	0	0	0	0
+30 mins.	**10**	**49**	0	**59**	18	0	5	23	0	8	3	11	0	0	0	0
+45 mins.	7	32	0	39	19	0	**14**	**33**	0	19	3	22	0	0	0	0
Total Volume	30	153	0	183	66	0	35	101	0	61	16	77	0	0	0	0
% App. Total	16.4	83.6	0		65.3	0	34.7		0	79.2	20.8		0	0	0	
PHF	.750	.781	.000	.775	.868	.000	.625	.765	.000	.803	.667	.770	.000	.000	.000	.000

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City of South El Monte
N/S: Chico Avenue
E/W: Fern Street
Weather: Clear

File Name : 01_SEM_Chico_Fern PM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 1

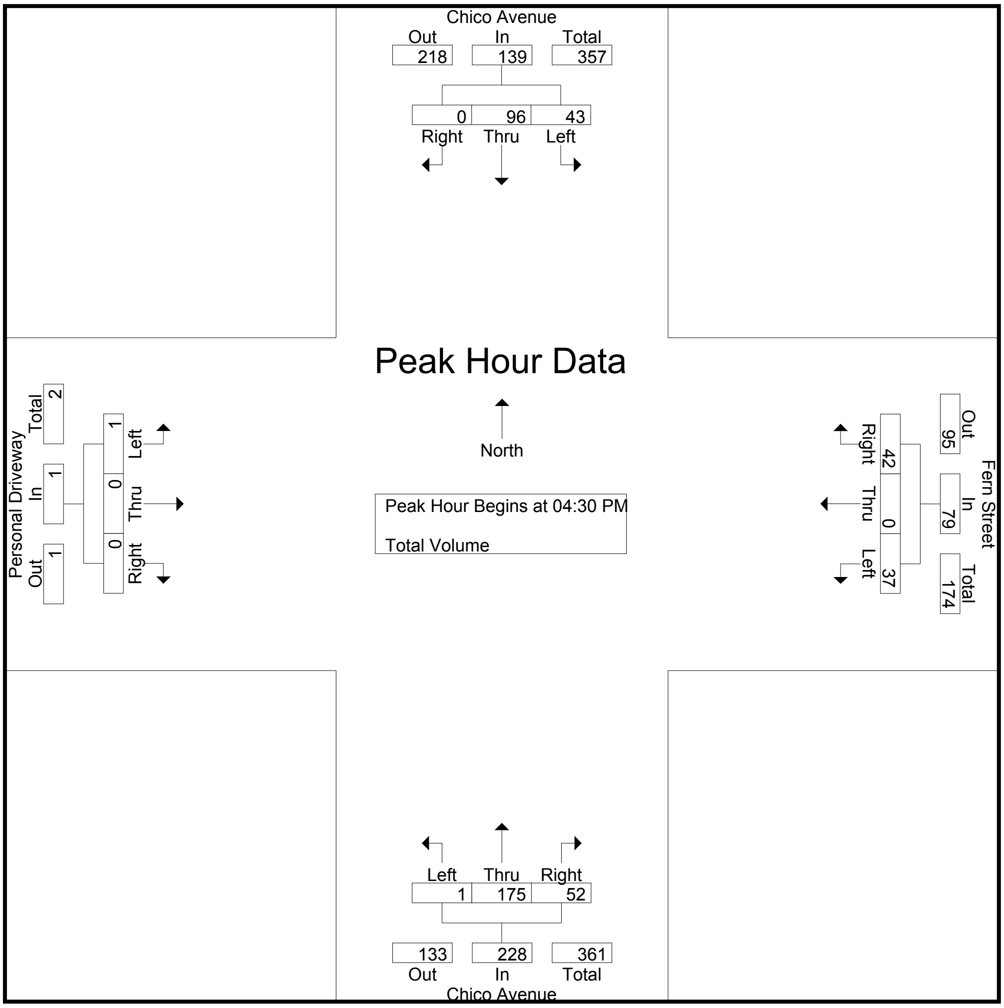
Groups Printed- Total Volume

	Chico Avenue Southbound				Fern Street Westbound				Chico Avenue Northbound				Personal Driveway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	5	24	0	29	7	0	16	23	0	32	14	46	0	0	0	0	98
04:15 PM	9	23	0	32	7	0	12	19	0	34	15	49	0	0	0	0	100
04:30 PM	9	26	0	35	9	0	12	21	0	65	16	81	0	0	0	0	137
04:45 PM	8	28	0	36	4	0	10	14	1	37	10	48	0	0	0	0	98
Total	31	101	0	132	27	0	50	77	1	168	55	224	0	0	0	0	433
05:00 PM	12	25	0	37	9	0	4	13	0	40	10	50	0	0	0	0	100
05:15 PM	14	17	0	31	15	0	16	31	0	33	16	49	1	0	0	1	112
05:30 PM	10	18	0	28	8	0	19	27	0	41	9	50	0	0	0	0	105
05:45 PM	9	22	0	31	5	0	9	14	0	36	11	47	0	0	0	0	92
Total	45	82	0	127	37	0	48	85	0	150	46	196	1	0	0	1	409
Grand Total	76	183	0	259	64	0	98	162	1	318	101	420	1	0	0	1	842
Apprch %	29.3	70.7	0		39.5	0	60.5		0.2	75.7	24		100	0	0		
Total %	9	21.7	0	30.8	7.6	0	11.6	19.2	0.1	37.8	12	49.9	0.1	0	0	0.1	

	Chico Avenue Southbound				Fern Street Westbound				Chico Avenue Northbound				Personal Driveway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	9	26	0	35	9	0	12	21	0	**65**	**16**	**81**	0	0	0	0	**137**
04:45 PM	8	**28**	0	36	4	0	10	14	**1**	37	10	48	0	0	0	0	98
05:00 PM	12	25	0	**37**	9	0	4	13	0	40	10	50	0	0	0	0	100
05:15 PM	**14**	17	0	31	**15**	0	**16**	**31**	0	33	16	49	**1**	0	0	**1**	112
Total Volume	43	96	0	139	37	0	42	79	1	175	52	228	1	0	0	1	447
% App. Total	30.9	69.1	0		46.8	0	53.2		0.4	76.8	22.8		100	0	0		
PHF	.768	.857	.000	.939	.617	.000	.656	.637	.250	.673	.813	.704	.250	.000	.000	.250	.816

City of South El Monte
N/S: Chico Avenue
E/W: Fern Street
Weather: Clear

File Name : 01_SEM_Chico_Fern PM
Site Code : 04221083
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Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM				04:45 PM				04:15 PM				04:30 PM			
+0 mins.	9	23	0	32	4	0	10	14	0	34	15	49	0	0	0	0
+15 mins.	9	26	0	35	9	0	4	13	0	**65**	**16**	**81**	0	0	0	0
+30 mins.	8	**28**	0	36	**15**	0	16	**31**	**1**	37	10	48	0	0	0	0
+45 mins.	**12**	25	0	**37**	8	0	**19**	27	0	40	10	50	**1**	0	0	**1**
Total Volume	38	102	0	140	36	0	49	85	1	176	51	228	1	0	0	1
% App. Total	27.1	72.9	0		42.4	0	57.6		0.4	77.2	22.4		100	0	0	
PHF	.792	.911	.000	.946	.600	.000	.645	.685	.250	.677	.797	.704	.250	.000	.000	.250

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City of South El Monte
N/S: Chico Avenue
E/W: Rush Street
Weather: Clear

File Name : 02_SEM_Chico_Rush AM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 1

Groups Printed- Total Volume

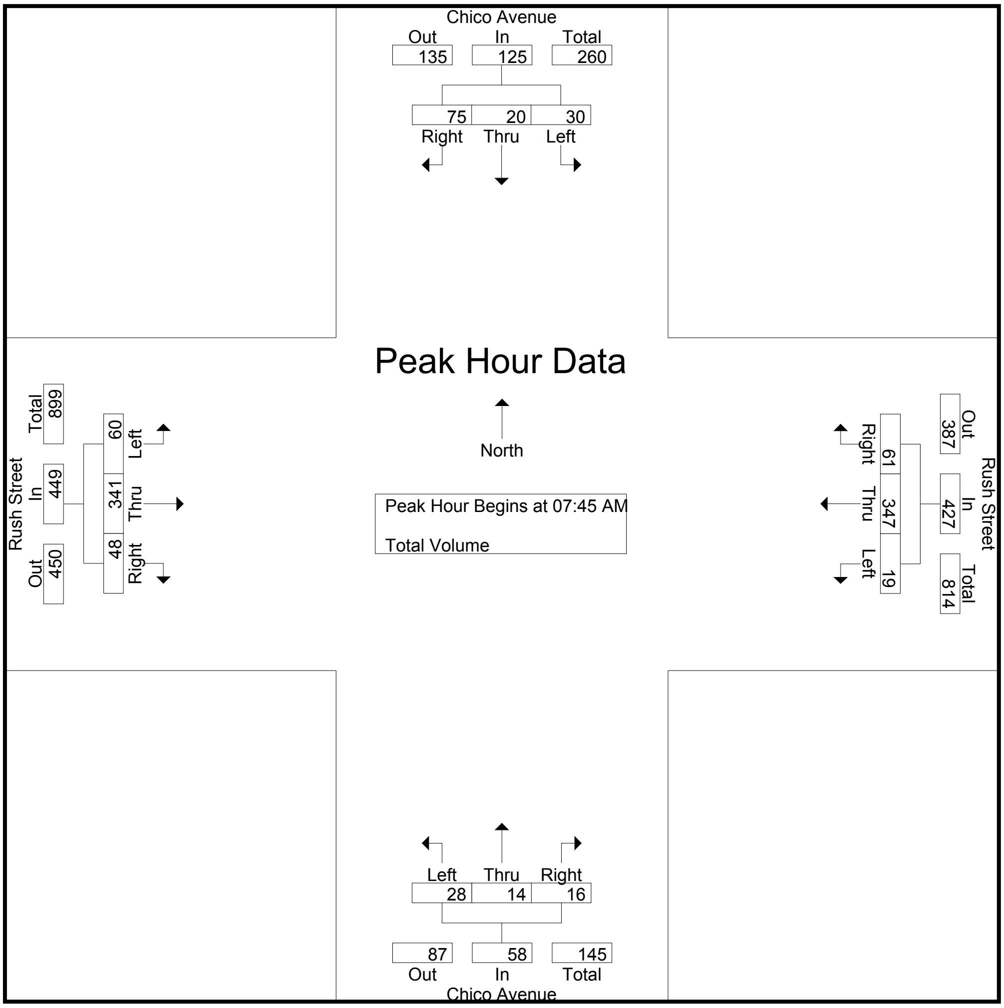
	Chico Avenue Southbound				Rush Street Westbound				Chico Avenue Northbound				Rush Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	6	4	19	29	3	57	12	72	5	2	1	8	16	46	13	75	184
07:15 AM	6	1	19	26	1	66	10	77	2	2	1	5	12	52	14	78	186
07:30 AM	9	6	27	42	8	80	13	101	7	0	1	8	15	82	13	110	261
07:45 AM	10	5	17	32	4	84	20	108	8	3	4	15	20	102	12	134	289
Total	31	16	82	129	16	287	55	358	22	7	7	36	63	282	52	397	920
08:00 AM	9	3	16	28	4	93	19	116	7	3	3	13	16	74	8	98	255
08:15 AM	3	6	20	29	8	78	12	98	5	5	2	12	18	78	16	112	251
08:30 AM	8	6	22	36	3	92	10	105	8	3	7	18	6	87	12	105	264
08:45 AM	6	3	20	29	5	82	20	107	8	2	2	12	13	107	18	138	286
Total	26	18	78	122	20	345	61	426	28	13	14	55	53	346	54	453	1056
Grand Total	57	34	160	251	36	632	116	784	50	20	21	91	116	628	106	850	1976
Apprch %	22.7	13.5	63.7		4.6	80.6	14.8		54.9	22	23.1		13.6	73.9	12.5		
Total %	2.9	1.7	8.1	12.7	1.8	32	5.9	39.7	2.5	1	1.1	4.6	5.9	31.8	5.4	43	

	Chico Avenue Southbound				Rush Street Westbound				Chico Avenue Northbound				Rush Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	**10**	5	17	32	4	84	**20**	108	**8**	3	4	15	**20**	**102**	12	**134**	**289**
08:00 AM	9	3	16	28	4	**93**	19	**116**	7	3	3	13	16	74	8	98	255
08:15 AM	3	**6**	20	29	**8**	78	12	98	5	**5**	2	12	18	78	**16**	112	251
08:30 AM	8	6	**22**	**36**	3	92	10	105	8	3	**7**	**18**	6	87	12	105	264
Total Volume	30	20	75	125	19	347	61	427	28	14	16	58	60	341	48	449	1059
% App. Total	24	16	60		4.4	81.3	14.3		48.3	24.1	27.6		13.4	75.9	10.7		
PHF	.750	.833	.852	.868	.594	.933	.763	.920	.875	.700	.571	.806	.750	.836	.750	.838	.916

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City of South El Monte
N/S: Chico Avenue
E/W: Rush Street
Weather: Clear

File Name : 02_SEM_Chico_Rush AM
Site Code : 04221083
Start Date : 3/4/2021
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Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:45 AM				07:30 AM			
+0 mins.	9	**6**	**27**	**42**	4	84	**20**	108	**8**	3	4	15	15	82	13	110
+15 mins.	**10**	5	17	32	4	**93**	19	**116**	7	3	3	13	**20**	**102**	12	**134**
+30 mins.	9	3	16	28	**8**	78	12	98	5	**5**	2	12	16	74	8	98
+45 mins.	3	6	20	29	3	92	10	105	8	3	**7**	**18**	18	78	**16**	112
Total Volume	31	20	80	131	19	347	61	427	28	14	16	58	69	336	49	454
% App. Total	23.7	15.3	61.1		4.4	81.3	14.3		48.3	24.1	27.6		15.2	74	10.8	
PHF	.775	.833	.741	.780	.594	.933	.763	.920	.875	.700	.571	.806	.863	.824	.766	.847

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City of South El Monte
N/S: Chico Avenue
E/W: Rush Street
Weather: Clear

File Name : 02_SEM_Chico_Rush PM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 1

Groups Printed- Total Volume

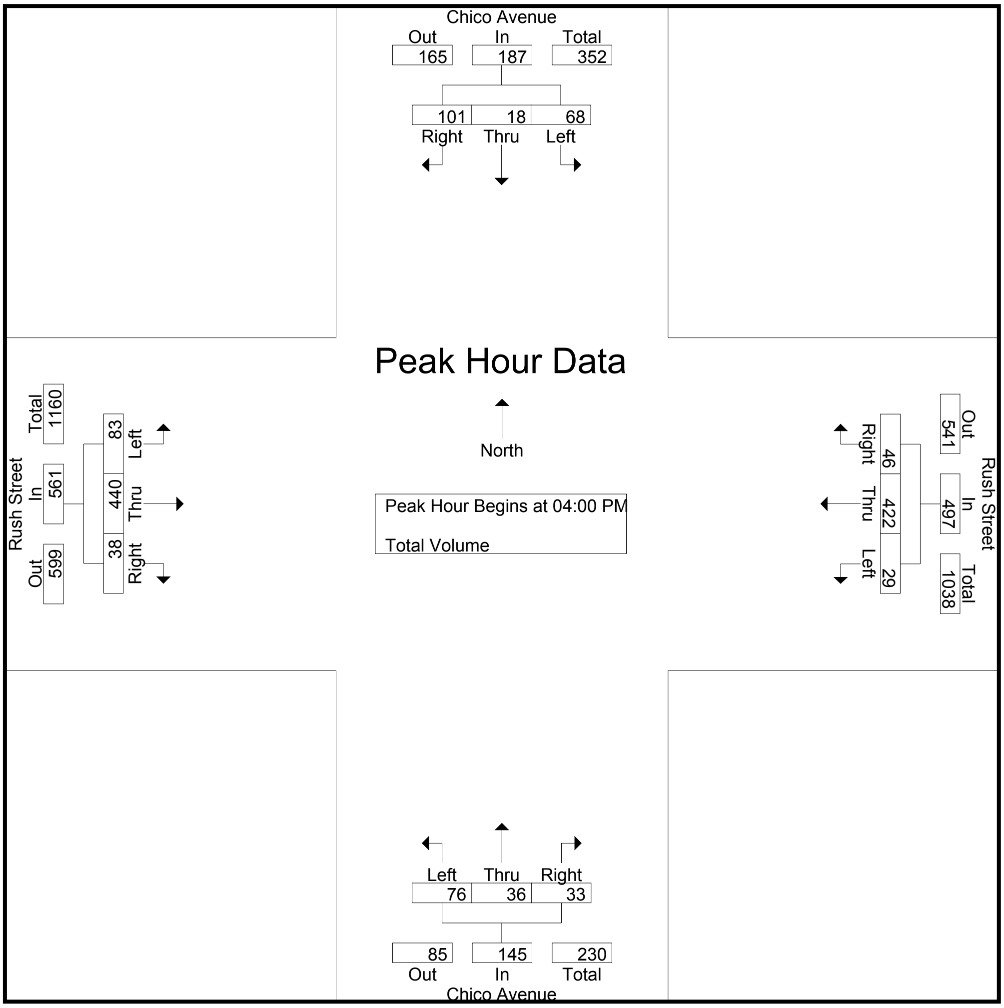
	Chico Avenue Southbound				Rush Street Westbound				Chico Avenue Northbound				Rush Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	20	5	29	54	6	105	10	121	17	9	9	35	22	119	12	153	363
04:15 PM	15	2	28	45	7	85	17	109	14	8	10	32	17	102	10	129	315
04:30 PM	20	7	24	51	5	126	12	143	21	10	8	39	25	112	9	146	379
04:45 PM	13	4	20	37	11	106	7	124	24	9	6	39	19	107	7	133	333
Total	68	18	101	187	29	422	46	497	76	36	33	145	83	440	38	561	1390
05:00 PM	11	2	32	45	5	109	14	128	27	6	8	41	19	104	8	131	345
05:15 PM	17	3	16	36	6	72	12	90	22	2	6	30	19	99	8	126	282
05:30 PM	13	2	24	39	1	94	6	101	22	5	10	37	13	98	5	116	293
05:45 PM	14	2	17	33	4	76	8	88	12	5	9	26	11	78	6	95	242
Total	55	9	89	153	16	351	40	407	83	18	33	134	62	379	27	468	1162
Grand Total	123	27	190	340	45	773	86	904	159	54	66	279	145	819	65	1029	2552
Apprch %	36.2	7.9	55.9		5	85.5	9.5		57	19.4	23.7		14.1	79.6	6.3		
Total %	4.8	1.1	7.4	13.3	1.8	30.3	3.4	35.4	6.2	2.1	2.6	10.9	5.7	32.1	2.5	40.3	

	Chico Avenue Southbound				Rush Street Westbound				Chico Avenue Northbound				Rush Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	**20**	5	**29**	**54**	6	105	10	121	17	9	9	35	22	**119**	**12**	**153**	363
04:15 PM	15	2	28	45	7	85	**17**	109	14	8	**10**	32	17	102	10	129	315
04:30 PM	20	**7**	24	51	5	**126**	12	**143**	21	**10**	8	**39**	**25**	112	9	146	**379**
04:45 PM	13	4	20	37	**11**	106	7	124	**24**	9	6	39	19	107	7	133	333
Total Volume	68	18	101	187	29	422	46	497	76	36	33	145	83	440	38	561	1390
% App. Total	36.4	9.6	54		5.8	84.9	9.3		52.4	24.8	22.8		14.8	78.4	6.8		
PHF	.850	.643	.871	.866	.659	.837	.676	.869	.792	.900	.825	.929	.830	.924	.792	.917	.917

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City of South El Monte
N/S: Chico Avenue
E/W: Rush Street
Weather: Clear

File Name : 02_SEM_Chico_Rush PM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:15 PM				04:15 PM				04:00 PM			
+0 mins.	**20**	5	**29**	**54**	7	85	**17**	109	14	8	**10**	32	22	**119**	**12**	**153**
+15 mins.	15	2	28	45	5	**126**	12	**143**	21	**10**	8	39	17	102	10	129
+30 mins.	20	**7**	24	51	**11**	106	7	124	24	9	6	39	**25**	112	9	146
+45 mins.	13	4	20	37	5	109	14	128	**27**	6	8	**41**	19	107	7	133
Total Volume	68	18	101	187	28	426	50	504	86	33	32	151	83	440	38	561
% App. Total	36.4	9.6	54		5.6	84.5	9.9		57	21.9	21.2		14.8	78.4	6.8	
PHF	.850	.643	.871	.866	.636	.845	.735	.881	.796	.825	.800	.921	.830	.924	.792	.917

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City of South El Monte
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E/W: Fern Street
Weather: Clear

File Name : 04_SEM_Potrero_Fern AM
Site Code : 04221083
Start Date : 3/4/2021
Page No : 1

Groups Printed- Total Volume

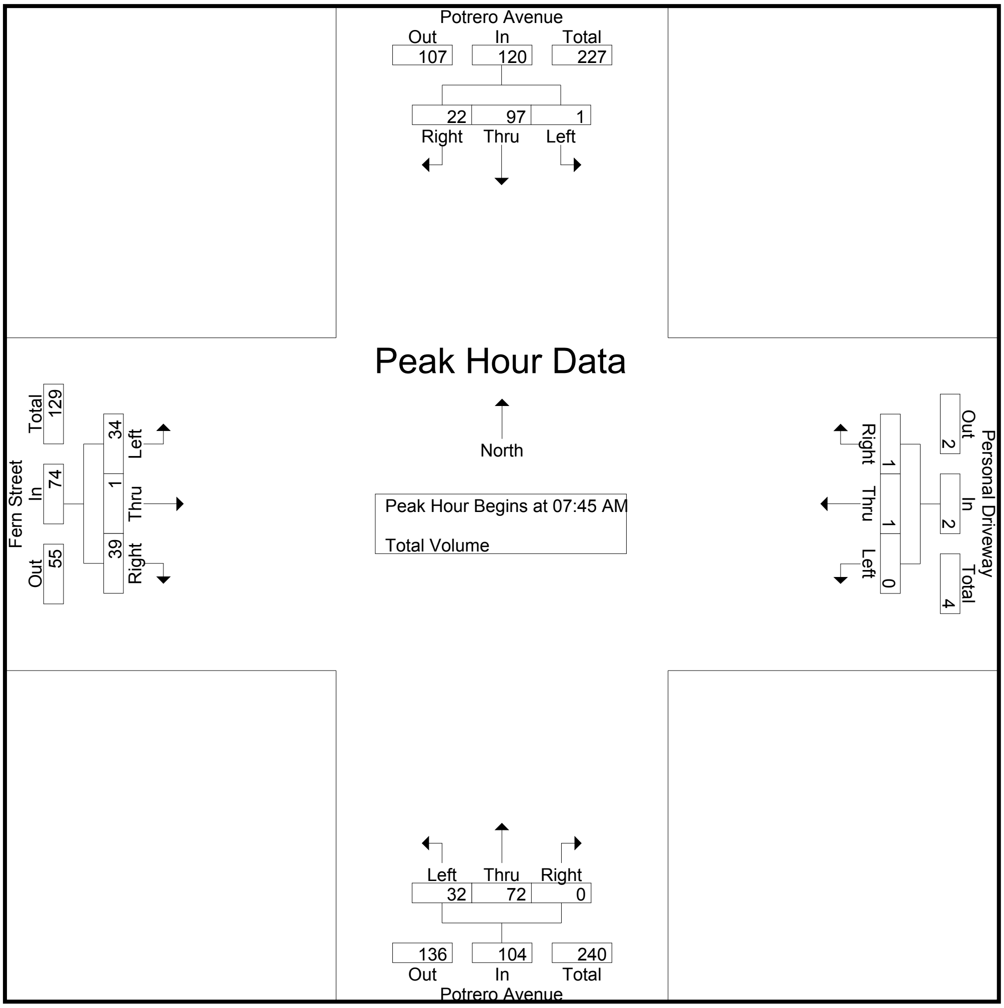
	Potrero Avenue Southbound				Personal Driveway Westbound				Potrero Avenue Northbound				Fern Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	22	3	25	0	0	0	0	8	19	0	27	5	0	4	9	61
07:15 AM	0	25	6	31	0	0	0	0	4	20	0	24	5	0	6	11	66
07:30 AM	0	25	2	27	0	0	0	0	1	14	0	15	8	0	7	15	57
07:45 AM	0	30	8	38	0	1	0	1	10	15	0	25	10	0	8	18	82
Total	0	102	19	121	0	1	0	1	23	68	0	91	28	0	25	53	266
08:00 AM	0	25	6	31	0	0	0	0	8	18	0	26	9	1	15	25	82
08:15 AM	0	19	5	24	0	0	1	1	7	21	0	28	6	0	7	13	66
08:30 AM	1	23	3	27	0	0	0	0	7	18	0	25	9	0	9	18	70
08:45 AM	0	15	3	18	0	0	1	1	10	18	0	28	3	0	12	15	62
Total	1	82	17	100	0	0	2	2	32	75	0	107	27	1	43	71	280
Grand Total	1	184	36	221	0	1	2	3	55	143	0	198	55	1	68	124	546
Apprch %	0.5	83.3	16.3		0	33.3	66.7		27.8	72.2	0		44.4	0.8	54.8		
Total %	0.2	33.7	6.6	40.5	0	0.2	0.4	0.5	10.1	26.2	0	36.3	10.1	0.2	12.5	22.7	

	Potrero Avenue Southbound				Personal Driveway Westbound				Potrero Avenue Northbound				Fern Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	**30**	**8**	**38**	0	**1**	0	**1**	**10**	15	0	25	**10**	0	8	18	**82**
08:00 AM	0	25	6	31	0	0	0	0	8	18	0	26	9	**1**	**15**	**25**	82
08:15 AM	0	19	5	24	0	0	**1**	1	7	**21**	0	**28**	6	0	7	13	66
08:30 AM	**1**	23	3	27	0	0	0	0	7	18	0	25	9	0	9	18	70
Total Volume	1	97	22	120	0	1	1	2	32	72	0	104	34	1	39	74	300
% App. Total	0.8	80.8	18.3		0	50	50		30.8	69.2	0		45.9	1.4	52.7		
PHF	.250	.808	.688	.789	.000	.250	.250	.500	.800	.857	.000	.929	.850	.250	.650	.740	.915

Counts Unlimited, Inc.
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Corona, CA 92878
(951)268-6268

City of South El Monte
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File Name : 04_SEM_Potrero_Fern AM
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Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:30 AM				08:00 AM				07:45 AM			
+0 mins.	0	25	6	31	0	0	0	0	8	18	0	26	**10**	0	8	18
+15 mins.	0	25	2	27	0	**1**	0	**1**	7	**21**	0	**28**	9	**1**	**15**	**25**
+30 mins.	0	**30**	**8**	**38**	0	0	0	0	7	18	0	25	6	0	7	13
+45 mins.	0	25	6	31	0	0	**1**	1	**10**	18	0	28	9	0	9	18
Total Volume	0	105	22	127	0	1	1	2	32	75	0	107	34	1	39	74
% App. Total	0	82.7	17.3		0	50	50		29.9	70.1	0		45.9	1.4	52.7	
PHF	.000	.875	.688	.836	.000	.250	.250	.500	.800	.893	.000	.955	.850	.250	.650	.740

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Groups Printed- Total Volume

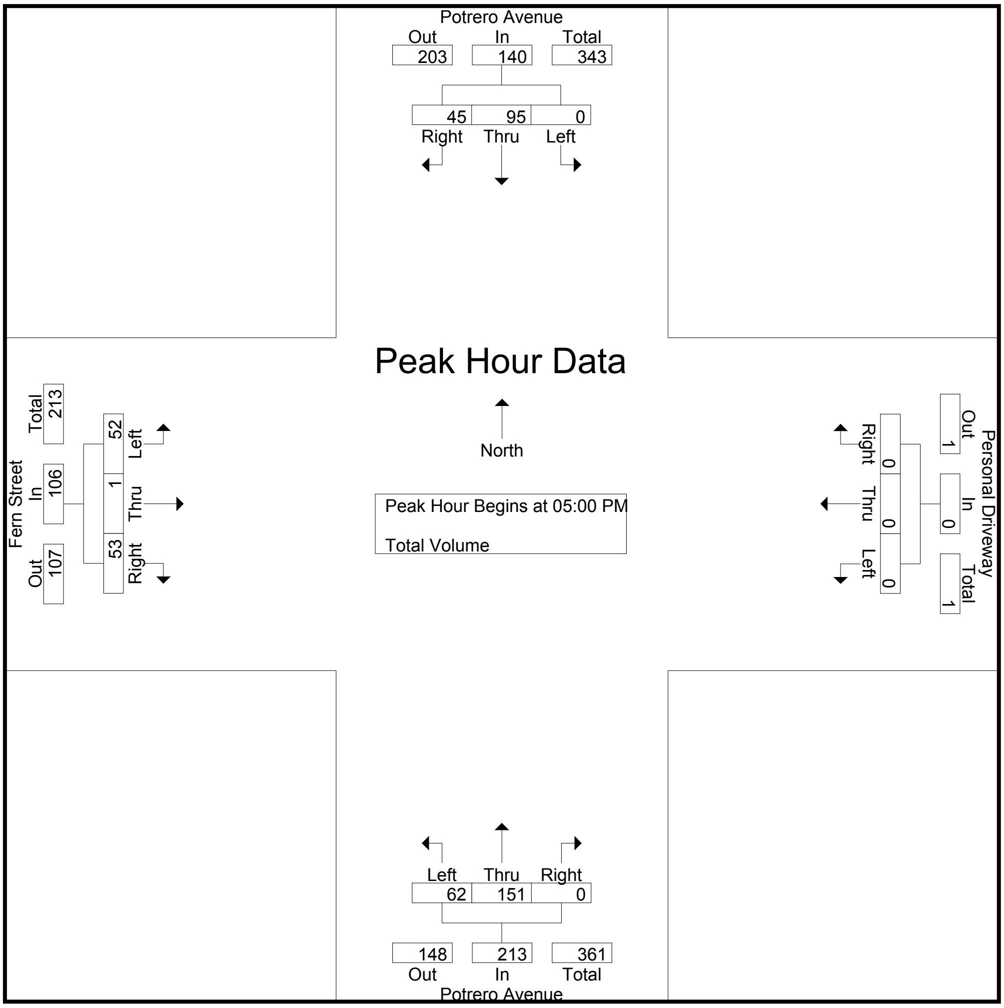
	Potrero Avenue Southbound				Personal Driveway Westbound				Potrero Avenue Northbound				Fern Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	17	4	21	0	0	0	0	12	44	0	56	10	0	13	23	100
04:15 PM	2	26	12	40	0	0	0	0	13	33	0	46	6	0	13	19	105
04:30 PM	0	28	3	31	0	0	0	0	13	42	0	55	8	1	16	25	111
04:45 PM	0	17	13	30	0	0	1	1	13	35	0	48	8	0	7	15	94
Total	2	88	32	122	0	0	1	1	51	154	0	205	32	1	49	82	410
05:00 PM	0	22	5	27	0	0	0	0	9	39	0	48	7	0	12	19	94
05:15 PM	0	23	14	37	0	0	0	0	21	48	0	69	21	0	12	33	139
05:30 PM	0	24	13	37	0	0	0	0	20	38	0	58	10	0	14	24	119
05:45 PM	0	26	13	39	0	0	0	0	12	26	0	38	14	1	15	30	107
Total	0	95	45	140	0	0	0	0	62	151	0	213	52	1	53	106	459
Grand Total	2	183	77	262	0	0	1	1	113	305	0	418	84	2	102	188	869
Apprch %	0.8	69.8	29.4		0	0	100		27	73	0		44.7	1.1	54.3		
Total %	0.2	21.1	8.9	30.1	0	0	0.1	0.1	13	35.1	0	48.1	9.7	0.2	11.7	21.6	

	Potrero Avenue Southbound				Personal Driveway Westbound				Potrero Avenue Northbound				Fern Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	0	22	5	27	0	0	0	0	9	39	0	48	7	0	12	19	94
05:15 PM	0	23	**14**	37	0	0	0	0	**21**	**48**	0	**69**	**21**	0	12	**33**	**139**
05:30 PM	0	24	13	37	0	0	0	0	20	38	0	58	10	0	14	24	119
05:45 PM	0	**26**	13	**39**	0	0	0	0	12	26	0	38	14	**1**	**15**	30	107
Total Volume	0	95	45	140	0	0	0	0	62	151	0	213	52	1	53	106	459
% App. Total	0	67.9	32.1		0	0	0		29.1	70.9	0		49.1	0.9	50		
PHF	.000	.913	.804	.897	.000	.000	.000	.000	.738	.786	.000	.772	.619	.250	.883	.803	.826

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Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:00 PM				04:45 PM				05:00 PM			
+0 mins.	0	22	5	27	0	0	0	0	13	35	0	48	7	0	12	19
+15 mins.	0	23	**14**	37	0	0	0	0	9	39	0	48	**21**	0	12	**33**
+30 mins.	0	24	13	37	0	0	0	0	**21**	**48**	0	**69**	10	0	14	24
+45 mins.	0	**26**	13	**39**	0	0	**1**	**1**	20	38	0	58	14	**1**	**15**	30
Total Volume	0	95	45	140	0	0	1	1	63	160	0	223	52	1	53	106
% App. Total	0	67.9	32.1		0	0	100		28.3	71.7	0		49.1	0.9	50	
PHF	.000	.913	.804	.897	.000	.000	.250	.250	.750	.833	.000	.808	.619	.250	.883	.803

APPENDIX B – LOS CALCULATION SHEETS

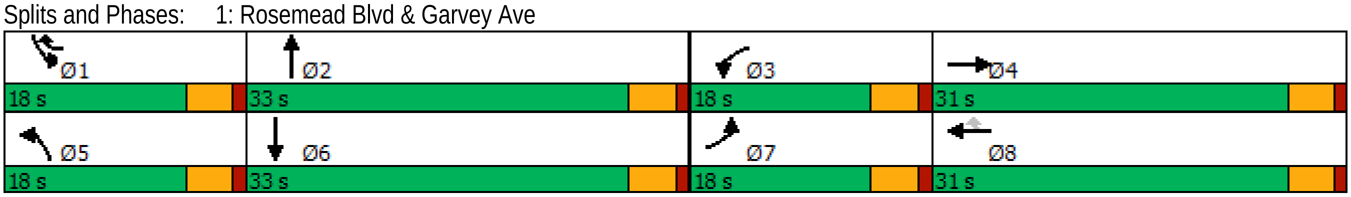
Existing Conditions

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	109	268	111	156	270	220	98	721	47	260	1054	135
Future Volume (vph)	109	268	111	156	270	220	98	721	47	260	1054	135
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.956				0.850		0.991			0.983	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3383	0	1770	3539	1583	3433	5040	0	3433	4999	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3383	0	1770	3539	1583	3433	5040	0	3433	4999	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		61				132		10			23	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	117	288	119	168	290	237	105	775	51	280	1133	145
Shared Lane Traffic (%)												
Lane Group Flow (vph)	117	407	0	168	290	237	105	826	0	280	1278	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	10.5	14.5		12.1	18.6	34.8	8.0	28.7		11.6	34.8	
Actuated g/C Ratio	0.12	0.17		0.14	0.22	0.41	0.09	0.34		0.14	0.41	
v/c Ratio	0.53	0.65		0.67	0.37	0.33	0.33	0.48		0.60	0.62	
Control Delay	45.4	33.3		50.0	31.7	9.8	40.2	24.2		41.0	23.1	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	45.4	33.3		50.0	31.7	9.8	40.2	24.2		41.0	23.1	
LOS	D	C		D	C	A	D	C		D	C	
Approach Delay		36.0			28.6			26.0			26.3	
Approach LOS		D			C			C			C	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 85	
Natural Cycle: 70	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.67	
Intersection Signal Delay: 28.1	Intersection LOS: C
Intersection Capacity Utilization 62.1%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection	
Int Delay, s/veh	1.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	22	28	55	1202	1260	80
Future Vol, veh/h	22	28	55	1202	1260	80
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	23	29	57	1252	1313	83

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1970	698	1396	0	-	0
Stage 1	1355	-	-	-	-	-
Stage 2	615	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	97	328	251	-	-	-
Stage 1	146	-	-	-	-	-
Stage 2	457	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	75	328	251	-	-	-
Mov Cap-2 Maneuver	75	-	-	-	-	-
Stage 1	113	-	-	-	-	-
Stage 2	457	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	49	1	0
HCM LOS	E		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	251	-	132	-	-
HCM Lane V/C Ratio	0.228	-	0.395	-	-
HCM Control Delay (s)	23.5	-	49	-	-
HCM Lane LOS	C	-	E	-	-
HCM 95th %tile Q(veh)	0.9	-	1.7	-	-

Intersection						
Int Delay, s/veh	0					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	1257	0	0	1288
Future Vol, veh/h	0	0	1257	0	0	1288
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	1366	0	0	1400

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	683	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	336	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	336	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-
HCM Control Delay (s)	-	-	0	-
HCM Lane LOS	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	-

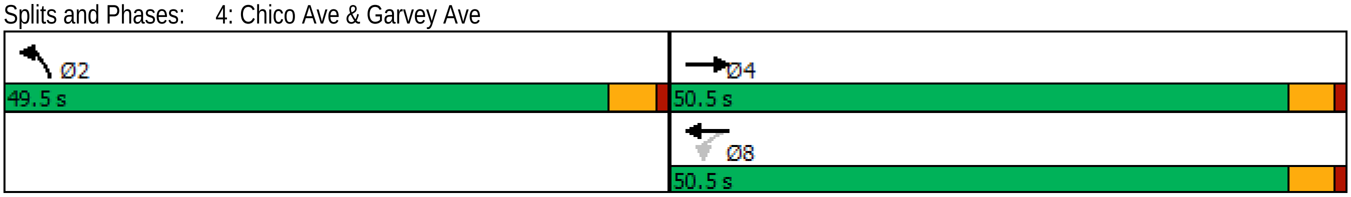
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	480	92	76	662	65	43
Future Volume (vph)	480	92	76	662	65	43
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.976				0.946	
Flt Protected			0.950		0.971	
Satd. Flow (prot)	3454	0	1770	3539	1711	0
Flt Permitted			0.416		0.971	
Satd. Flow (perm)	3454	0	775	3539	1711	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	29				43	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	522	100	83	720	71	47
Shared Lane Traffic (%)						
Lane Group Flow (vph)	622	0	83	720	118	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	13.5		13.5	13.5	7.3	
Actuated g/C Ratio	0.45		0.45	0.45	0.24	
v/c Ratio	0.40		0.24	0.45	0.26	
Control Delay	6.1		7.2	6.8	8.9	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	6.1		7.2	6.8	8.9	
LOS	A		A	A	A	
Approach Delay	6.1			6.8	8.9	
Approach LOS	A			A	A	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 30.1
Natural Cycle: 45
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.45
Intersection Signal Delay: 6.7 Intersection LOS: A
Intersection Capacity Utilization 37.9% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 4: Chico Ave & Garvey Ave



Intersection						
Int Delay, s/veh	3.4					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	55	35	58	15	25	154
Future Vol, veh/h	55	35	58	15	25	154
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	78	78	78	78	78	78
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	71	45	74	19	32	197

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	345	84	0	0	93	0
Stage 1	84	-	-	-	-	-
Stage 2	261	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	652	975	-	-	1501	-
Stage 1	939	-	-	-	-	-
Stage 2	783	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	636	975	-	-	1501	-
Mov Cap-2 Maneuver	636	-	-	-	-	-
Stage 1	939	-	-	-	-	-
Stage 2	764	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	10.8	0	1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	735	1501	-
HCM Lane V/C Ratio	-	-	0.157	0.021	-
HCM Control Delay (s)	-	-	10.8	7.5	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.6	0.1	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	73	209	0
Future Vol, veh/h	0	0	0	73	209	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	79	227	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	306	227	227	0	-	0
Stage 1	227	-	-	-	-	-
Stage 2	79	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	686	812	1341	-	-	-
Stage 1	811	-	-	-	-	-
Stage 2	944	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	686	812	1341	-	-	-
Mov Cap-2 Maneuver	686	-	-	-	-	-
Stage 1	811	-	-	-	-	-
Stage 2	944	-	-	-	-	-

Approach	EB		NB		SB	
HCM Control Delay, s	0		0		0	
HCM LOS	A					

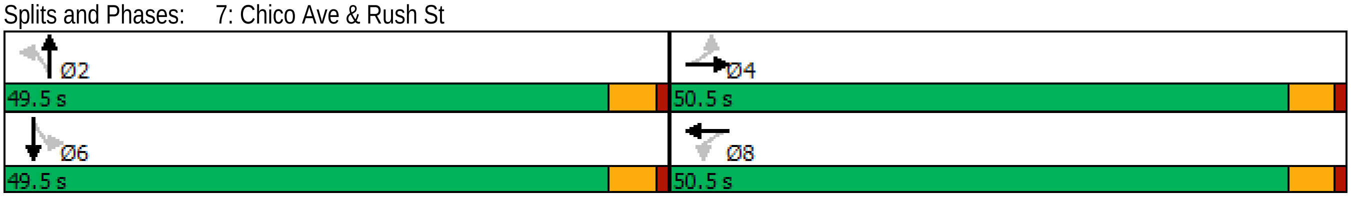
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1341	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	60	341	48	19	347	61	28	14	16	30	20	75
Future Volume (vph)	60	341	48	19	347	61	28	14	16	30	20	75
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.982			0.978			0.963			0.919	
Flt Protected	0.950			0.950				0.976			0.988	
Satd. Flow (prot)	1770	3476	0	1770	3461	0	0	1751	0	0	1691	0
Flt Permitted	0.370			0.392				0.877			0.942	
Satd. Flow (perm)	689	3476	0	730	3461	0	0	1573	0	0	1613	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		20			26			17			82	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	65	371	52	21	377	66	30	15	17	33	22	82
Shared Lane Traffic (%)												
Lane Group Flow (vph)	65	423	0	21	443	0	0	62	0	0	137	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	14.0	14.0		14.0	14.0			45.1			45.1	
Actuated g/C Ratio	0.21	0.21		0.21	0.21			0.66			0.66	
v/c Ratio	0.46	0.58		0.14	0.61			0.06			0.12	
Control Delay	34.8	26.4		23.9	26.7			4.0			2.7	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	34.8	26.4		23.9	26.7			4.0			2.7	
LOS	C	C		C	C			A			A	
Approach Delay		27.6			26.5			4.0			2.7	
Approach LOS		C			C			A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 68.1	
Natural Cycle: 45	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.61	
Intersection Signal Delay: 22.9	Intersection LOS: C
Intersection Capacity Utilization 34.8%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	7.8
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	34	39	32	72	97	22
Future Vol, veh/h	34	39	32	72	97	22
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	37	42	35	78	105	24
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.7	8	7.8
HCM LOS	A	A	A

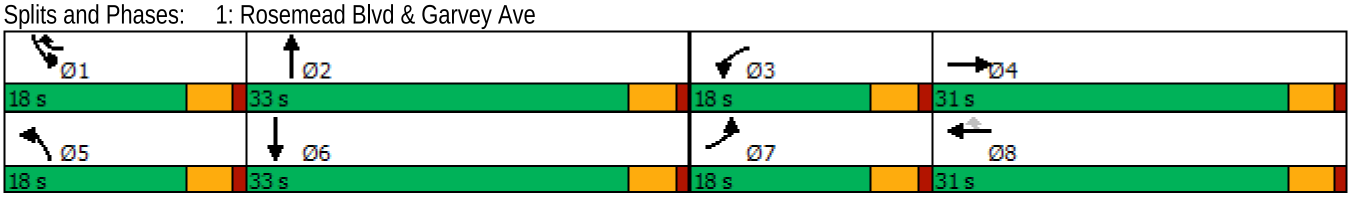
Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	31%	47%	0%
Vol Thru, %	69%	0%	82%
Vol Right, %	0%	53%	18%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	104	73	119
LT Vol	32	34	0
Through Vol	72	0	97
RT Vol	0	39	22
Lane Flow Rate	113	79	129
Geometry Grp	1	1	1
Degree of Util (X)	0.133	0.093	0.145
Departure Headway (Hd)	4.235	4.236	4.049
Convergence, Y/N	Yes	Yes	Yes
Cap	838	851	876
Service Time	2.306	2.236	2.122
HCM Lane V/C Ratio	0.135	0.093	0.147
HCM Control Delay	8	7.7	7.8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.5	0.3	0.5

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	223	500	81	144	440	333	202	1060	109	342	1002	150
Future Volume (vph)	223	500	81	144	440	333	202	1060	109	342	1002	150
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.979				0.850		0.986			0.980	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3465	0	1770	3539	1583	3433	5014	0	3433	4984	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3465	0	1770	3539	1583	3433	5014	0	3433	4984	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		18				65		17			28	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	242	543	88	157	478	362	220	1152	118	372	1089	163
Shared Lane Traffic (%)												
Lane Group Flow (vph)	242	631	0	157	478	362	220	1270	0	372	1252	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	13.6	22.6		12.0	21.1	38.6	11.1	28.6		13.0	30.6	
Actuated g/C Ratio	0.14	0.24		0.13	0.22	0.41	0.12	0.30		0.14	0.32	
v/c Ratio	0.95	0.75		0.70	0.61	0.53	0.55	0.83		0.79	0.77	
Control Delay	89.1	38.6		57.4	36.1	19.7	45.3	36.7		53.1	33.0	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	89.1	38.6		57.4	36.1	19.7	45.3	36.7		53.1	33.0	
LOS	F	D		E	D	B	D	D		D	C	
Approach Delay		52.6			33.5			38.0			37.6	
Approach LOS		D			C			D			D	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 94.4	
Natural Cycle: 90	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.95	
Intersection Signal Delay: 39.5	Intersection LOS: D
Intersection Capacity Utilization 72.2%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection						
Int Delay, s/veh	3.2					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	33	37	36	1420	1479	48
Future Vol, veh/h	33	37	36	1420	1479	48
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	35	39	38	1511	1573	51

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2279	812	1624	0	-	0
Stage 1	1599	-	-	-	-	-
Stage 2	680	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	66	276	193	-	-	-
Stage 1	103	-	-	-	-	-
Stage 2	423	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	53	276	193	-	-	-
Mov Cap-2 Maneuver	53	-	-	-	-	-
Stage 1	83	-	-	-	-	-
Stage 2	423	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	125.2	0.7	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	193	-	93	-	-
HCM Lane V/C Ratio	0.198	-	0.801	-	-
HCM Control Delay (s)	28.2	-	125.2	-	-
HCM Lane LOS	D	-	F	-	-
HCM 95th %tile Q(veh)	0.7	-	4.3	-	-

Intersection						
Int Delay, s/veh	0					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	1456	0	0	1516
Future Vol, veh/h	0	0	1456	0	0	1516
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	1583	0	0	1648

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	792	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	285	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	285	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

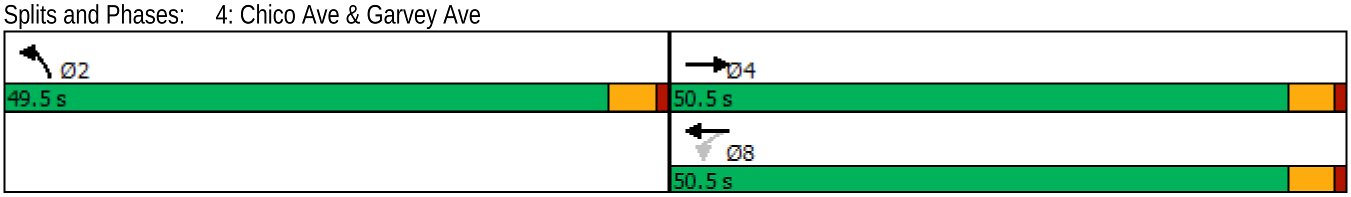
Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-
HCM Control Delay (s)	-	-	0	-
HCM Lane LOS	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	-

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	987	73	63	801	106	104
Future Volume (vph)	987	73	63	801	106	104
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.990				0.933	
Flt Protected			0.950		0.975	
Satd. Flow (prot)	3504	0	1770	3539	1694	0
Flt Permitted			0.173		0.975	
Satd. Flow (perm)	3504	0	322	3539	1694	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	10				33	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Adj. Flow (vph)	1189	88	76	965	128	125
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1277	0	76	965	253	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	46.2		46.2	46.2	14.3	
Actuated g/C Ratio	0.66		0.66	0.66	0.21	
v/c Ratio	0.55		0.36	0.41	0.68	
Control Delay	7.8		12.4	6.6	31.4	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	7.8		12.4	6.6	31.4	
LOS	A		B	A	C	
Approach Delay	7.8			7.0	31.4	
Approach LOS	A			A	C	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 69.5	
Natural Cycle: 60	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.68	
Intersection Signal Delay: 9.8	Intersection LOS: A
Intersection Capacity Utilization 57.3%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 4: Chico Ave & Garvey Ave



Intersection						
Int Delay, s/veh	2.8					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	37	42	175	52	43	96
Future Vol, veh/h	37	42	175	52	43	96
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	82	82	82	82	82	82
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	45	51	213	63	52	117

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	466	245	0	0	276	0
Stage 1	245	-	-	-	-	-
Stage 2	221	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	555	794	-	-	1287	-
Stage 1	796	-	-	-	-	-
Stage 2	816	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	531	794	-	-	1287	-
Mov Cap-2 Maneuver	531	-	-	-	-	-
Stage 1	796	-	-	-	-	-
Stage 2	781	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11.6	0	2.4
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	644	1287	-
HCM Lane V/C Ratio	-	-	0.15	0.041	-
HCM Control Delay (s)	-	-	11.6	7.9	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.5	0.1	-

Intersection						
Int Delay, s/veh	0					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	227	133	0
Future Vol, veh/h	0	0	0	227	133	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	247	145	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	392	145	145	0	-	0
Stage 1	145	-	-	-	-	-
Stage 2	247	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	612	902	1437	-	-	-
Stage 1	882	-	-	-	-	-
Stage 2	794	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	612	902	1437	-	-	-
Mov Cap-2 Maneuver	612	-	-	-	-	-
Stage 1	882	-	-	-	-	-
Stage 2	794	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1437	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	83	440	38	29	422	46	76	36	33	68	18	101
Future Volume (vph)	83	440	38	29	422	46	76	36	33	68	18	101
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.988			0.985			0.970			0.927	
Flt Protected	0.950			0.950				0.975			0.982	
Satd. Flow (prot)	1770	3497	0	1770	3486	0	0	1762	0	0	1696	0
Flt Permitted	0.341			0.332				0.794			0.863	
Satd. Flow (perm)	635	3497	0	618	3486	0	0	1435	0	0	1490	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			15			19			76	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	86	458	40	30	440	48	79	38	34	71	19	105
Shared Lane Traffic (%)												
Lane Group Flow (vph)	86	498	0	30	488	0	0	151	0	0	195	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	16.1	16.1		16.1	16.1			45.1			45.1	
Actuated g/C Ratio	0.23	0.23		0.23	0.23			0.64			0.64	
v/c Ratio	0.59	0.62		0.21	0.60			0.16			0.20	
Control Delay	41.6	27.0		25.3	26.6			5.6			4.3	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	41.6	27.0		25.3	26.6			5.6			4.3	
LOS	D	C		C	C			A			A	
Approach Delay		29.1			26.5			5.6			4.3	
Approach LOS		C			C			A			A	

Intersection Summary

Area Type: Other

Cycle Length: 100

Actuated Cycle Length: 70.2

Natural Cycle: 45

Control Type: Actuated-Uncoordinated

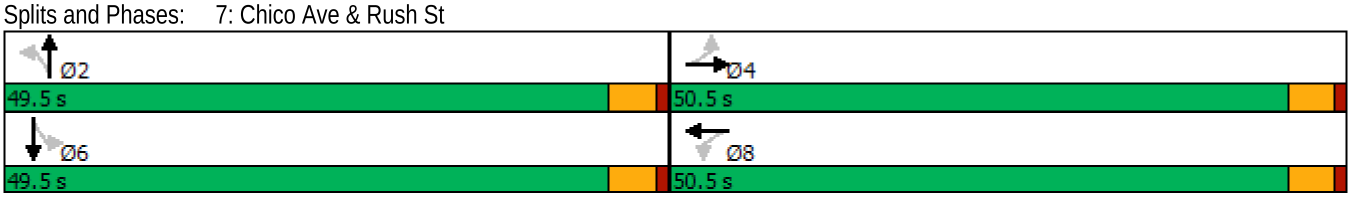
Maximum v/c Ratio: 0.62

Intersection Signal Delay: 22.4 Intersection LOS: C

Intersection Capacity Utilization 41.4% ICU Level of Service A

Analysis Period (min) 15

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	58	59	69	169	106	50
Future Vol, veh/h	58	59	69	169	106	50
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	62	63	73	180	113	53
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.6	9.5	8.4
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	29%	50%	0%
Vol Thru, %	71%	0%	68%
Vol Right, %	0%	50%	32%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	238	117	156
LT Vol	69	58	0
Through Vol	169	0	106
RT Vol	0	59	50
Lane Flow Rate	253	124	166
Geometry Grp	1	1	1
Degree of Util (X)	0.314	0.161	0.199
Departure Headway (Hd)	4.467	4.66	4.316
Convergence, Y/N	Yes	Yes	Yes
Cap	805	769	831
Service Time	2.489	2.688	2.341
HCM Lane V/C Ratio	0.314	0.161	0.2
HCM Control Delay	9.5	8.6	8.4
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.3	0.6	0.7

Existing Conditions with Covid Factor

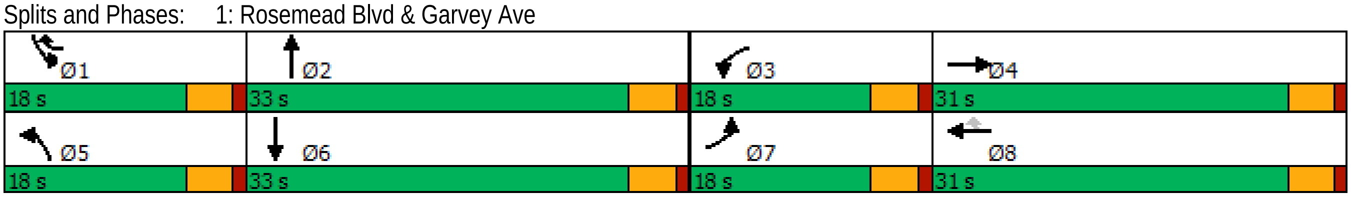
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	122	299	124	174	302	246	109	806	53	290	1178	151
Future Volume (vph)	122	299	124	174	302	246	109	806	53	290	1178	151
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.956				0.850		0.991			0.983	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3383	0	1770	3539	1583	3433	5040	0	3433	4999	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3383	0	1770	3539	1583	3433	5040	0	3433	4999	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		61				111		10			23	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	131	322	133	187	325	265	117	867	57	312	1267	162
Shared Lane Traffic (%)												
Lane Group Flow (vph)	131	455	0	187	325	265	117	924	0	312	1429	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	11.1	15.9		12.6	17.5	34.2	8.4	28.7		12.2	34.9	
Actuated g/C Ratio	0.13	0.18		0.14	0.20	0.39	0.10	0.33		0.14	0.40	
v/c Ratio	0.58	0.69		0.73	0.46	0.39	0.36	0.56		0.65	0.71	
Control Delay	48.1	34.6		55.1	33.6	12.6	41.3	26.4		43.5	26.3	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	48.1	34.6		55.1	33.6	12.6	41.3	26.4		43.5	26.3	
LOS	D	C		E	C	B	D	C		D	C	
Approach Delay		37.7			31.6			28.1			29.4	
Approach LOS		D			C			C			C	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 87.5
Natural Cycle: 75
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.73
Intersection Signal Delay: 30.6 Intersection LOS: C
Intersection Capacity Utilization 67.2% ICU Level of Service C
Analysis Period (min) 15

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection						
Int Delay, s/veh	2.4					
Movement	**EBL**	**EBR**	**NBL**	**NBT**	**SBT**	**SBR**
Lane Configurations						
Traffic Vol, veh/h	25	31	61	1343	1408	89
Future Vol, veh/h	25	31	61	1343	1408	89
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	26	32	64	1399	1467	93
Major/Minor	**Minor2**		**Major1**		**Major2**	
Conflicting Flow All	2202	780	1560	0	-	0
Stage 1	1514	-	-	-	-	-
Stage 2	688	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	73	290	208	-	-	-
Stage 1	116	-	-	-	-	-
Stage 2	419	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	51	290	208	-	-	-
Mov Cap-2 Maneuver	51	-	-	-	-	-
Stage 1	80	-	-	-	-	-
Stage 2	419	-	-	-	-	-
Approach	**EB**		**NB**		**SB**	
HCM Control Delay, s	92		1.3		0	
HCM LOS	F					
Minor Lane/Major Mvmt		**NBL**	**NBT**	**EBLn1**	**SBT**	**SBR**
Capacity (veh/h)		208	-	94	-	-
HCM Lane V/C Ratio		0.305	-	0.621	-	-
HCM Control Delay (s)		29.7	-	92	-	-
HCM Lane LOS		D	-	F	-	-
HCM 95th %tile Q(veh)		1.2	-	3	-	-

Intersection						
Int Delay, s/veh	0					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	1404	0	0	1439
Future Vol, veh/h	0	0	1404	0	0	1439
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	1526	0	0	1564

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	763	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	298	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	298	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-
HCM Control Delay (s)	-	-	0	-
HCM Lane LOS	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	-

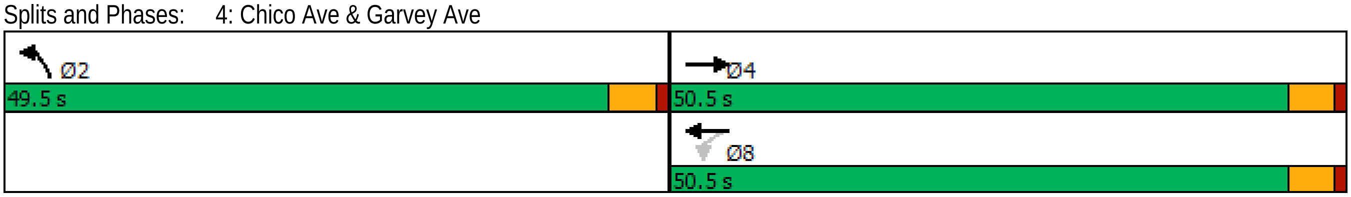
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	536	103	85	740	73	48
Future Volume (vph)	536	103	85	740	73	48
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.976				0.946	
Flt Protected			0.950		0.971	
Satd. Flow (prot)	3454	0	1770	3539	1711	0
Flt Permitted			0.387		0.971	
Satd. Flow (perm)	3454	0	721	3539	1711	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	29				43	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	583	112	92	804	79	52
Shared Lane Traffic (%)						
Lane Group Flow (vph)	695	0	92	804	131	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	15.4		15.4	15.4	7.8	
Actuated g/C Ratio	0.47		0.47	0.47	0.24	
v/c Ratio	0.42		0.27	0.48	0.30	
Control Delay	6.3		7.7	6.9	10.3	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	6.3		7.7	6.9	10.3	
LOS	A		A	A	B	
Approach Delay	6.3			7.0	10.3	
Approach LOS	A			A	B	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 32.5
Natural Cycle: 45
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.48
Intersection Signal Delay: 7.0 Intersection LOS: A
Intersection Capacity Utilization 41.0% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 4: Chico Ave & Garvey Ave



Intersection	
Int Delay, s/veh	3.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	61	39	65	17	28	172
Future Vol, veh/h	61	39	65	17	28	172
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	78	78	78	78	78	78
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	78	50	83	22	36	221

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	387	94	0	0	105	0
Stage 1	94	-	-	-	-	-
Stage 2	293	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	616	963	-	-	1486	-
Stage 1	930	-	-	-	-	-
Stage 2	757	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	599	963	-	-	1486	-
Mov Cap-2 Maneuver	599	-	-	-	-	-
Stage 1	930	-	-	-	-	-
Stage 2	736	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11.3	0	1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	703	1486	-
HCM Lane V/C Ratio	-	-	0.182	0.024	-
HCM Control Delay (s)	-	-	11.3	7.5	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.7	0.1	-

Intersection						
Int Delay, s/veh	0					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	82	233	0
Future Vol, veh/h	0	0	0	82	233	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	89	253	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	342	253	253	0	-	0
Stage 1	253	-	-	-	-	-
Stage 2	89	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	654	786	1312	-	-	-
Stage 1	789	-	-	-	-	-
Stage 2	934	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	654	786	1312	-	-	-
Mov Cap-2 Maneuver	654	-	-	-	-	-
Stage 1	789	-	-	-	-	-
Stage 2	934	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1312	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

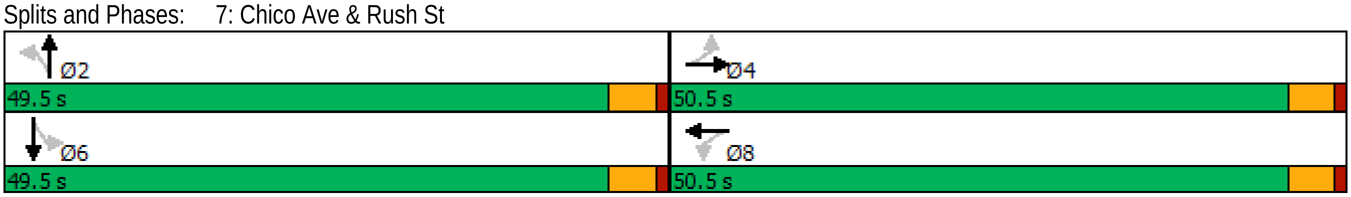
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	67	381	54	21	388	68	31	16	18	34	22	84
Future Volume (vph)	67	381	54	21	388	68	31	16	18	34	22	84
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.981			0.978			0.962			0.919	
Flt Protected	0.950			0.950				0.977			0.988	
Satd. Flow (prot)	1770	3472	0	1770	3461	0	0	1751	0	0	1691	0
Flt Permitted	0.327			0.350				0.867			0.937	
Satd. Flow (perm)	609	3472	0	652	3461	0	0	1554	0	0	1604	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		21			26			20			91	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	73	414	59	23	422	74	34	17	20	37	24	91
Shared Lane Traffic (%)												
Lane Group Flow (vph)	73	473	0	23	496	0	0	71	0	0	152	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	15.3	15.3		15.3	15.3			45.1			45.1	
Actuated g/C Ratio	0.22	0.22		0.22	0.22			0.65			0.65	
v/c Ratio	0.54	0.60		0.16	0.63			0.07			0.14	
Control Delay	39.7	26.5		24.1	26.9			4.4			3.0	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	39.7	26.5		24.1	26.9			4.4			3.0	
LOS	D	C		C	C			A			A	
Approach Delay		28.3			26.8			4.4			3.0	
Approach LOS		C			C			A			A	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 69.5
Natural Cycle: 45
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.63
Intersection Signal Delay: 23.4 Intersection LOS: C
Intersection Capacity Utilization 37.1% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	38	44	36	80	108	25
Future Vol, veh/h	38	44	36	80	108	25
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	41	48	39	87	117	27
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.8	8.1	8
HCM LOS	A	A	A

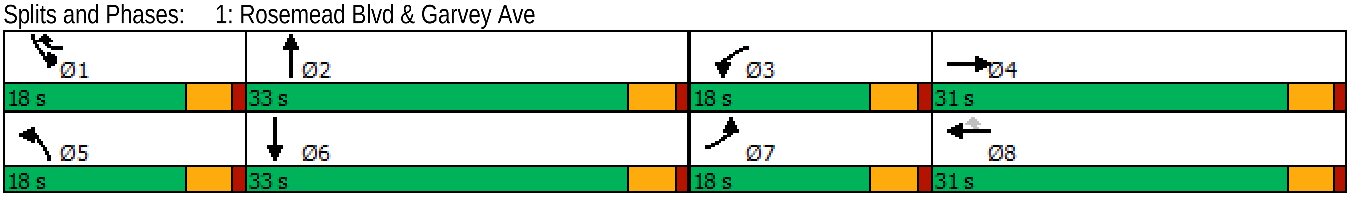
Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	31%	46%	0%
Vol Thru, %	69%	0%	81%
Vol Right, %	0%	54%	19%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	116	82	133
LT Vol	36	38	0
Through Vol	80	0	108
RT Vol	0	44	25
Lane Flow Rate	126	89	145
Geometry Grp	1	1	1
Degree of Util (X)	0.149	0.106	0.164
Departure Headway (Hd)	4.264	4.298	4.074
Convergence, Y/N	Yes	Yes	Yes
Cap	830	839	867
Service Time	2.349	2.298	2.161
HCM Lane V/C Ratio	0.152	0.106	0.167
HCM Control Delay	8.1	7.8	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.5	0.4	0.6

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	249	559	90	161	492	372	226	1184	122	382	1119	168
Future Volume (vph)	249	559	90	161	492	372	226	1184	122	382	1119	168
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.979				0.850		0.986			0.980	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3465	0	1770	3539	1583	3433	5014	0	3433	4984	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3465	0	1770	3539	1583	3433	5014	0	3433	4984	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		18				65		17			28	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	271	608	98	175	535	404	246	1287	133	415	1216	183
Shared Lane Traffic (%)												
Lane Group Flow (vph)	271	706	0	175	535	404	246	1420	0	415	1399	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	13.5	24.0		12.6	23.0	40.9	11.7	28.6		13.5	30.3	
Actuated g/C Ratio	0.14	0.25		0.13	0.24	0.42	0.12	0.30		0.14	0.31	
v/c Ratio	1.10	0.81		0.76	0.64	0.57	0.59	0.95		0.87	0.88	
Control Delay	126.4	41.5		63.3	36.6	20.9	46.8	48.2		61.3	40.0	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	126.4	41.5		63.3	36.6	20.9	46.8	48.2		61.3	40.0	
LOS	F	D		E	D	C	D	D		E	D	
Approach Delay		65.1			35.1			48.0			44.8	
Approach LOS		E			D			D			D	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 96.6	
Natural Cycle: 90	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 1.10	
Intersection Signal Delay: 47.4	Intersection LOS: D
Intersection Capacity Utilization 78.9%	ICU Level of Service D
Analysis Period (min) 15	

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection						
Int Delay, s/veh	8.2					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	37	41	40	1586	1652	54
Future Vol, veh/h	37	41	40	1586	1652	54
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	39	44	43	1687	1757	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2547	907	1814	0	-	0
Stage 1	1786	-	-	-	-	-
Stage 2	761	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	47	239	155	-	-	-
Stage 1	78	-	-	-	-	-
Stage 2	383	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 34	239	155	-	-	-
Mov Cap-2 Maneuver	~ 34	-	-	-	-	-
Stage 1	56	-	-	-	-	-
Stage 2	383	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	$ 341.1	0.9	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	155	-	62	-	-
HCM Lane V/C Ratio	0.275	-	1.338	-	-
HCM Control Delay (s)	36.8	-	$ 341.1	-	-
HCM Lane LOS	E	-	F	-	-
HCM 95th %tile Q(veh)	1.1	-	7	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection						
Int Delay, s/veh	0					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	1627	0	0	1694
Future Vol, veh/h	0	0	1627	0	0	1694
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	1768	0	0	1841

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	884	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	248	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	248	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

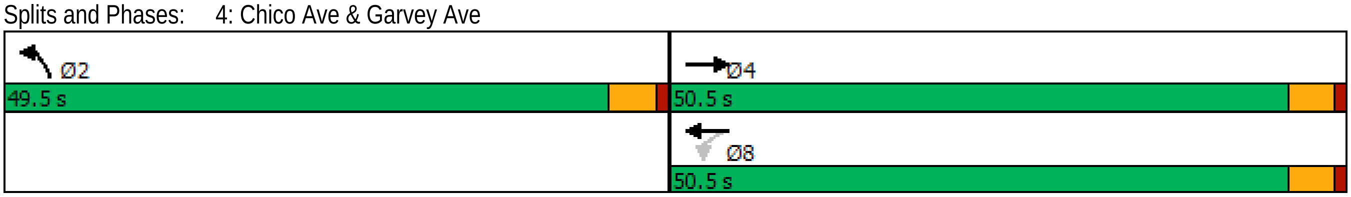
Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-
HCM Control Delay (s)	-	-	0	-
HCM Lane LOS	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	-

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	1103	82	70	895	118	116
Future Volume (vph)	1103	82	70	895	118	116
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.990				0.933	
Flt Protected			0.950		0.975	
Satd. Flow (prot)	3504	0	1770	3539	1694	0
Flt Permitted			0.132		0.975	
Satd. Flow (perm)	3504	0	246	3539	1694	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	10				21	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Adj. Flow (vph)	1329	99	84	1078	142	140
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1428	0	84	1078	282	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	46.1		46.1	46.1	16.1	
Actuated g/C Ratio	0.65		0.65	0.65	0.23	
v/c Ratio	0.63		0.53	0.47	0.71	
Control Delay	9.8		25.1	7.9	33.5	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	9.8		25.1	7.9	33.5	
LOS	A		C	A	C	
Approach Delay	9.8			9.1	33.5	
Approach LOS	A			A	C	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 71.3	
Natural Cycle: 65	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.71	
Intersection Signal Delay: 11.8	Intersection LOS: B
Intersection Capacity Utilization 62.2%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 4: Chico Ave & Garvey Ave



Intersection						
Int Delay, s/veh	2.9					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	41	47	196	58	48	107
Future Vol, veh/h	41	47	196	58	48	107
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	82	82	82	82	82	82
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	50	57	239	71	59	130

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	523	275	0	0	310	0
Stage 1	275	-	-	-	-	-
Stage 2	248	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	514	764	-	-	1250	-
Stage 1	771	-	-	-	-	-
Stage 2	793	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	488	764	-	-	1250	-
Mov Cap-2 Maneuver	488	-	-	-	-	-
Stage 1	771	-	-	-	-	-
Stage 2	753	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	12.2	0	2.5
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	605	1250	-
HCM Lane V/C Ratio	-	-	0.177	0.047	-
HCM Control Delay (s)	-	-	12.2	8	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.6	0.1	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	254	149	0
Future Vol, veh/h	0	0	0	254	149	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	276	162	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	438	162	162	0	-	0
Stage 1	162	-	-	-	-	-
Stage 2	276	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	576	883	1417	-	-	-
Stage 1	867	-	-	-	-	-
Stage 2	771	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	576	883	1417	-	-	-
Mov Cap-2 Maneuver	576	-	-	-	-	-
Stage 1	867	-	-	-	-	-
Stage 2	771	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1417	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

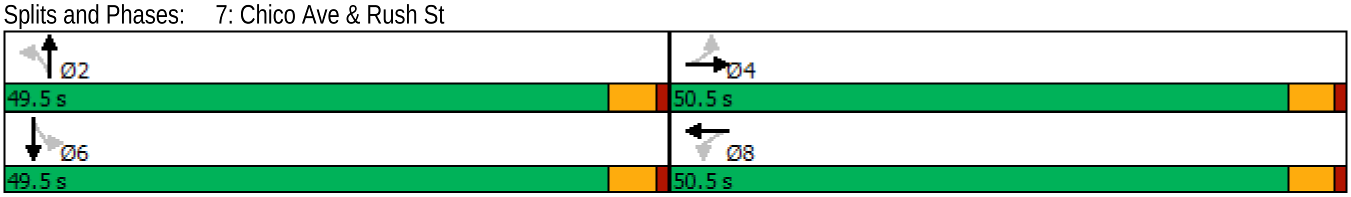
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	93	492	42	32	471	51	85	40	37	76	20	113
Future Volume (vph)	93	492	42	32	471	51	85	40	37	76	20	113
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.988			0.985			0.969			0.927	
Flt Protected	0.950			0.950				0.974			0.982	
Satd. Flow (prot)	1770	3497	0	1770	3486	0	0	1758	0	0	1696	0
Flt Permitted	0.306			0.295				0.776			0.851	
Satd. Flow (perm)	570	3497	0	550	3486	0	0	1401	0	0	1469	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			15			19			77	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	97	513	44	33	491	53	89	42	39	79	21	118
Shared Lane Traffic (%)												
Lane Group Flow (vph)	97	557	0	33	544	0	0	170	0	0	218	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	18.1	18.1		18.1	18.1			45.2			45.2	
Actuated g/C Ratio	0.25	0.25		0.25	0.25			0.62			0.62	
v/c Ratio	0.68	0.63		0.24	0.62			0.19			0.23	
Control Delay	48.9	26.7		25.6	26.2			6.8			5.3	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	48.9	26.7		25.6	26.2			6.8			5.3	
LOS	D	C		C	C			A			A	
Approach Delay		30.0			26.2			6.8			5.3	
Approach LOS		C			C			A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 72.4	
Natural Cycle: 45	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.68	
Intersection Signal Delay: 22.9	Intersection LOS: C
Intersection Capacity Utilization 45.0%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	58	59	69	169	106	50
Future Vol, veh/h	58	59	69	169	106	50
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	62	63	73	180	113	53
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.6	9.5	8.4
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	29%	50%	0%
Vol Thru, %	71%	0%	68%
Vol Right, %	0%	50%	32%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	238	117	156
LT Vol	69	58	0
Through Vol	169	0	106
RT Vol	0	59	50
Lane Flow Rate	253	124	166
Geometry Grp	1	1	1
Degree of Util (X)	0.314	0.161	0.199
Departure Headway (Hd)	4.467	4.66	4.316
Convergence, Y/N	Yes	Yes	Yes
Cap	805	769	831
Service Time	2.489	2.688	2.341
HCM Lane V/C Ratio	0.314	0.161	0.2
HCM Control Delay	9.5	8.6	8.4
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.3	0.6	0.7

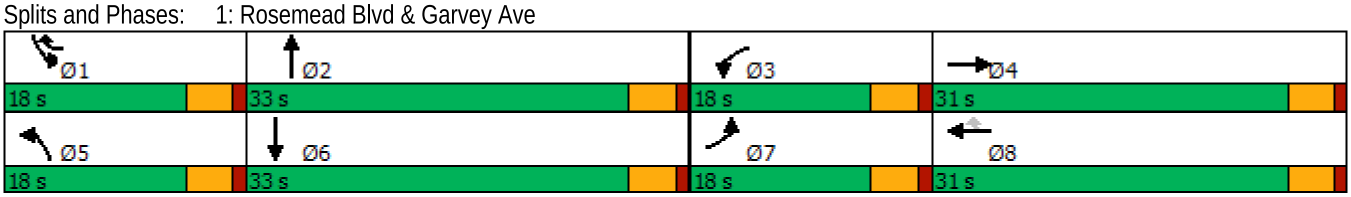
Existing Plus Project

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	122	301	124	174	302	246	115	832	58	299	1178	151
Future Volume (vph)	122	301	124	174	302	246	115	832	58	299	1178	151
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.956				0.850		0.990			0.983	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3383	0	1770	3539	1583	3433	5034	0	3433	4999	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3383	0	1770	3539	1583	3433	5034	0	3433	4999	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		61				107		11			23	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	133	327	135	189	328	267	125	904	63	325	1280	164
Shared Lane Traffic (%)												
Lane Group Flow (vph)	133	462	0	189	328	267	125	967	0	325	1444	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	11.1	16.1		12.7	17.7	34.6	8.6	28.7		12.3	32.4	
Actuated g/C Ratio	0.13	0.18		0.14	0.20	0.39	0.10	0.33		0.14	0.37	
v/c Ratio	0.60	0.69		0.74	0.46	0.39	0.37	0.59		0.68	0.78	
Control Delay	48.8	34.9		55.9	33.6	13.0	41.6	27.1		44.4	28.9	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	48.8	34.9		55.9	33.6	13.0	41.6	27.1		44.4	28.9	
LOS	D	C		E	C	B	D	C		D	C	
Approach Delay		38.0			31.9			28.7			31.7	
Approach LOS		D			C			C			C	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 87.9	
Natural Cycle: 75	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.78	
Intersection Signal Delay: 31.9	Intersection LOS: C
Intersection Capacity Utilization 67.2%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection						
Int Delay, s/veh	3.1					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	Y		↰	↑↑↑	↑↑↱	
Traffic Vol, veh/h	25	31	67	1380	1408	89
Future Vol, veh/h	25	31	67	1380	1408	89
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	27	33	71	1468	1498	95

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2275	797	1593	0	-	0
Stage 1	1546	-	-	-	-	-
Stage 2	729	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	66	283	200	-	-	-
Stage 1	111	-	-	-	-	-
Stage 2	398	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	43	283	200	-	-	-
Mov Cap-2 Maneuver	43	-	-	-	-	-
Stage 1	72	-	-	-	-	-
Stage 2	398	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	125	1.5	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	200	-	81	-	-
HCM Lane V/C Ratio	0.356	-	0.735	-	-
HCM Control Delay (s)	32.6	-	125	-	-
HCM Lane LOS	D	-	F	-	-
HCM 95th %tile Q(veh)	1.5	-	3.6	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	43	1404	16	0	1444
Future Vol, veh/h	0	43	1404	16	0	1444
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	47	1526	17	0	1570

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	772	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	294	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	294	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	19.5	0	0
HCM LOS	C		

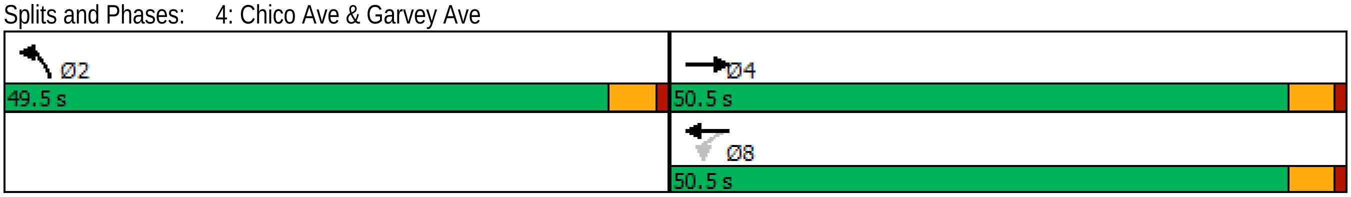
Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	294	-
HCM Lane V/C Ratio	-	-	0.159	-
HCM Control Delay (s)	-	-	19.5	-
HCM Lane LOS	-	-	C	-
HCM 95th %tile Q(veh)	-	-	0.6	-

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	542	113	90	740	73	59
Future Volume (vph)	542	113	90	740	73	59
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.974				0.940	
Flt Protected			0.950		0.973	
Satd. Flow (prot)	3447	0	1770	3539	1704	0
Flt Permitted			0.338		0.973	
Satd. Flow (perm)	3447	0	630	3539	1704	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	32				53	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Adj. Flow (vph)	653	136	108	892	88	71
Shared Lane Traffic (%)						
Lane Group Flow (vph)	789	0	108	892	159	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	18.3		18.3	18.3	8.7	
Actuated g/C Ratio	0.50		0.50	0.50	0.24	
v/c Ratio	0.45		0.34	0.50	0.36	
Control Delay	6.5		9.2	7.2	12.1	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	6.5		9.2	7.2	12.1	
LOS	A		A	A	B	
Approach Delay	6.5			7.4	12.1	
Approach LOS	A			A	B	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 36.6	
Natural Cycle: 50	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.50	
Intersection Signal Delay: 7.4	Intersection LOS: A
Intersection Capacity Utilization 42.5%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 4: Chico Ave & Garvey Ave



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	67	381	54	21	389	70	31	16	18	44	22	121
Future Volume (vph)	67	381	54	21	389	70	31	16	18	44	22	121
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.981			0.977			0.962			0.913	
Flt Protected	0.950			0.950				0.977			0.988	
Satd. Flow (prot)	1770	3472	0	1770	3458	0	0	1751	0	0	1680	0
Flt Permitted	0.340			0.366				0.861			0.934	
Satd. Flow (perm)	633	3472	0	682	3458	0	0	1543	0	0	1588	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		21			27			19			120	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	70	397	56	22	405	73	32	17	19	46	23	126
Shared Lane Traffic (%)												
Lane Group Flow (vph)	70	453	0	22	478	0	0	68	0	0	195	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		

Intersection						
Int Delay, s/veh	3.3					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	63	39	76	22	28	188
Future Vol, veh/h	63	39	76	22	28	188
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	82	82	82	82	82	82
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	77	48	93	27	34	229

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	404	107	0	0	120	0
Stage 1	107	-	-	-	-	-
Stage 2	297	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	603	947	-	-	1468	-
Stage 1	917	-	-	-	-	-
Stage 2	754	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	587	947	-	-	1468	-
Mov Cap-2 Maneuver	587	-	-	-	-	-
Stage 1	917	-	-	-	-	-
Stage 2	734	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11.4	0	1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	687	1468	-
HCM Lane V/C Ratio	-	-	0.181	0.023	-
HCM Control Delay (s)	-	-	11.4	7.5	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.7	0.1	-

Intersection						
Int Delay, s/veh	1.7					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	16	48	2	82	233	18
Future Vol, veh/h	16	48	2	82	233	18
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	17	52	2	89	253	20

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	356	263	273	0	-	0
Stage 1	263	-	-	-	-	-
Stage 2	93	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	642	776	1290	-	-	-
Stage 1	781	-	-	-	-	-
Stage 2	931	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	641	776	1290	-	-	-
Mov Cap-2 Maneuver	641	-	-	-	-	-
Stage 1	779	-	-	-	-	-
Stage 2	931	-	-	-	-	-

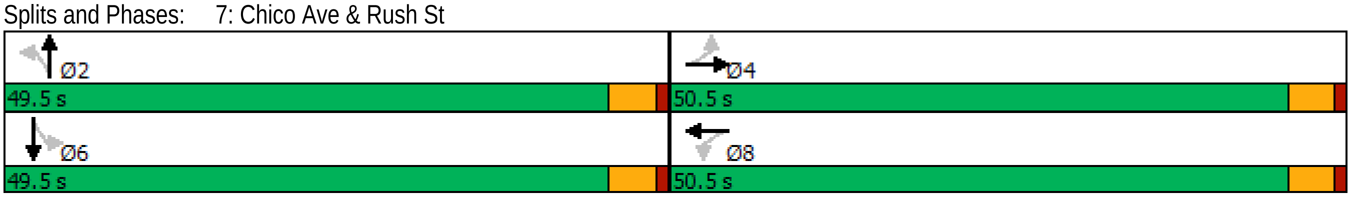
Approach	EB	NB	SB
HCM Control Delay, s	10.4	0.2	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1290	-	737	-	-
HCM Lane V/C Ratio	0.002	-	0.094	-	-
HCM Control Delay (s)	7.8	0	10.4	-	-
HCM Lane LOS	A	A	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	14.8	14.8		14.8	14.8			45.1			45.1	
Actuated g/C Ratio	0.21	0.21		0.21	0.21			0.65			0.65	
v/c Ratio	0.52	0.60		0.15	0.63			0.07			0.18	
Control Delay	38.1	26.4		24.0	26.8			4.2			2.8	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	38.1	26.4		24.0	26.8			4.2			2.8	
LOS	D	C		C	C			A			A	
Approach Delay		28.0			26.7			4.2			2.8	
Approach LOS		C			C			A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 68.9	
Natural Cycle: 45	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.63	
Intersection Signal Delay: 22.4	Intersection LOS: C
Intersection Capacity Utilization 40.2%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	43	44	36	80	108	26
Future Vol, veh/h	43	44	36	80	108	26
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	46	47	38	85	115	28
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.8	8.1	8
HCM LOS	A	A	A

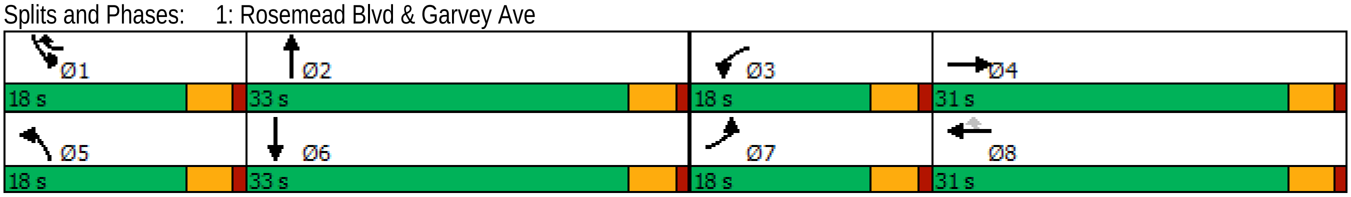
Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	31%	49%	0%
Vol Thru, %	69%	0%	81%
Vol Right, %	0%	51%	19%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	116	87	134
LT Vol	36	43	0
Through Vol	80	0	108
RT Vol	0	44	26
Lane Flow Rate	123	93	143
Geometry Grp	1	1	1
Degree of Util (X)	0.146	0.111	0.161
Departure Headway (Hd)	4.268	4.312	4.075
Convergence, Y/N	Yes	Yes	Yes
Cap	828	837	867
Service Time	2.357	2.312	2.165
HCM Lane V/C Ratio	0.149	0.111	0.165
HCM Control Delay	8.1	7.8	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.5	0.4	0.6

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	249	565	90	161	492	372	229	1202	125	412	1119	168
Future Volume (vph)	249	565	90	161	492	372	229	1202	125	412	1119	168
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.979				0.850		0.986			0.980	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3465	0	1770	3539	1583	3433	5014	0	3433	4984	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3465	0	1770	3539	1583	3433	5014	0	3433	4984	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		17				65		17			28	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	271	614	98	175	535	404	249	1307	136	448	1216	183
Shared Lane Traffic (%)												
Lane Group Flow (vph)	271	712	0	175	535	404	249	1443	0	448	1399	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	13.5	24.0		12.5	23.0	41.1	11.7	28.6		13.5	30.4	
Actuated g/C Ratio	0.14	0.25		0.13	0.24	0.43	0.12	0.30		0.14	0.31	
v/c Ratio	1.10	0.82		0.76	0.63	0.57	0.60	0.97		0.93	0.88	
Control Delay	127.3	41.9		63.5	36.5	20.8	47.0	51.1		70.5	40.0	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	127.3	41.9		63.5	36.5	20.8	47.0	51.1		70.5	40.0	
LOS	F	D		E	D	C	D	D		E	D	
Approach Delay		65.5			35.1			50.5			47.4	
Approach LOS		E			D			D			D	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 96.7	
Natural Cycle: 90	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 1.10	
Intersection Signal Delay: 49.0	Intersection LOS: D
Intersection Capacity Utilization 80.2%	ICU Level of Service D
Analysis Period (min) 15	

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection						
Int Delay, s/veh	9					
Movement	**EBL**	**EBR**	**NBL**	**NBT**	**SBT**	**SBR**
Lane Configurations						
Traffic Vol, veh/h	37	41	44	1611	1652	54
Future Vol, veh/h	37	41	44	1611	1652	54
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	39	44	47	1714	1757	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2566	907	1814	0	-	0
Stage 1	1786	-	-	-	-	-
Stage 2	780	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	46	239	155	-	-	-
Stage 1	78	-	-	-	-	-
Stage 2	374	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 32	239	155	-	-	-
Mov Cap-2 Maneuver	~ 32	-	-	-	-	-
Stage 1	54	-	-	-	-	-
Stage 2	374	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	$ 374.2	1	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	155	-	59	-	-
HCM Lane V/C Ratio	0.302	-	1.406	-	-
HCM Control Delay (s)	38	-	$ 374.2	-	-
HCM Lane LOS	E	-	F	-	-
HCM 95th %tile Q(veh)	1.2	-	7.3	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	28	1627	53	0	1697
Future Vol, veh/h	0	28	1627	53	0	1697
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	30	1768	58	0	1845

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	913	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	237	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	237	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	22.4	0	0
HCM LOS	C		

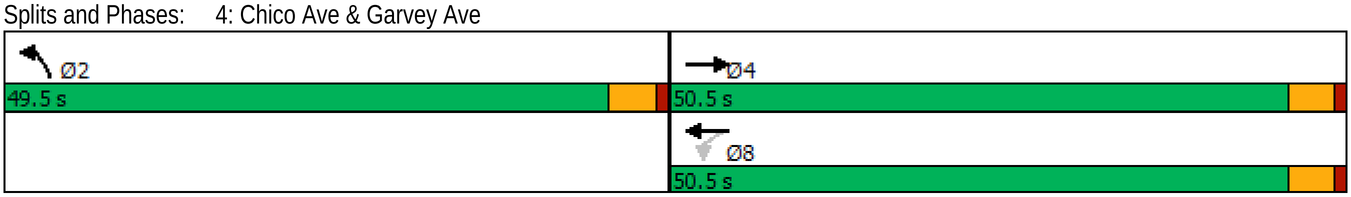
Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	237	-
HCM Lane V/C Ratio	-	-	0.128	-
HCM Control Delay (s)	-	-	22.4	-
HCM Lane LOS	-	-	C	-
HCM 95th %tile Q(veh)	-	-	0.4	-

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	1106	117	88	895	118	123
Future Volume (vph)	1106	117	88	895	118	123
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.986				0.931	
Flt Protected			0.950		0.976	
Satd. Flow (prot)	3490	0	1770	3539	1693	0
Flt Permitted			0.121		0.976	
Satd. Flow (perm)	3490	0	225	3539	1693	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	15				21	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Adj. Flow (vph)	1333	141	106	1078	142	148
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1474	0	106	1078	290	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	46.1		46.1	46.1	16.5	
Actuated g/C Ratio	0.64		0.64	0.64	0.23	
v/c Ratio	0.65		0.74	0.47	0.71	
Control Delay	10.4		46.3	8.1	33.7	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	10.4		46.3	8.1	33.7	
LOS	B		D	A	C	
Approach Delay	10.4			11.5	33.7	
Approach LOS	B			B	C	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 71.7	
Natural Cycle: 75	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.74	
Intersection Signal Delay: 13.1	Intersection LOS: B
Intersection Capacity Utilization 64.5%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 4: Chico Ave & Garvey Ave



Intersection						
Int Delay, s/veh	2.8					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	47	47	202	62	48	161
Future Vol, veh/h	47	47	202	62	48	161
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	82	82	82	82	82	82
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	57	57	246	76	59	196

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	598	284	0	0	322	0
Stage 1	284	-	-	-	-	-
Stage 2	314	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	465	755	-	-	1238	-
Stage 1	764	-	-	-	-	-
Stage 2	741	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	440	755	-	-	1238	-
Mov Cap-2 Maneuver	440	-	-	-	-	-
Stage 1	764	-	-	-	-	-
Stage 2	702	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	13.1	0	1.8
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	556	1238	-
HCM Lane V/C Ratio	-	-	0.206	0.047	-
HCM Control Delay (s)	-	-	13.1	8.1	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.8	0.1	-

Intersection						
Int Delay, s/veh	0.9					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	Y			↰	↱	
Traffic Vol, veh/h	10	31	6	254	149	59
Future Vol, veh/h	10	31	6	254	149	59
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	34	7	276	162	64

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	484	194	226	0	-	0
Stage 1	194	-	-	-	-	-
Stage 2	290	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	542	847	1342	-	-	-
Stage 1	839	-	-	-	-	-
Stage 2	759	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	539	847	1342	-	-	-
Mov Cap-2 Maneuver	539	-	-	-	-	-
Stage 1	834	-	-	-	-	-
Stage 2	759	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.2	0.2	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1342	-	743	-	-
HCM Lane V/C Ratio	0.005	-	0.06	-	-
HCM Control Delay (s)	7.7	0	10.2	-	-
HCM Lane LOS	A	A	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

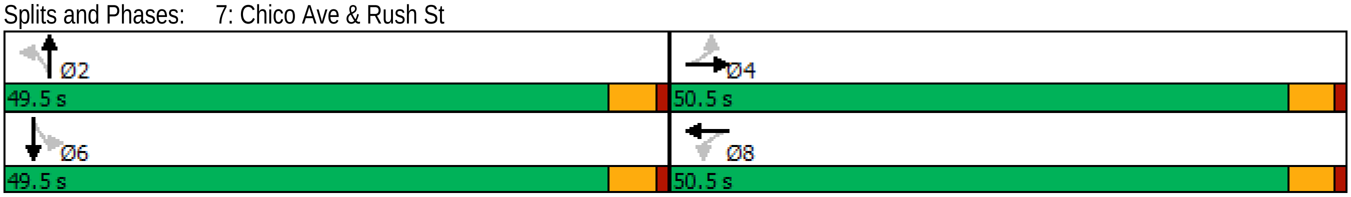
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	93	492	42	32	477	57	85	40	37	83	20	137
Future Volume (vph)	93	492	42	32	477	57	85	40	37	83	20	137
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.988			0.984			0.969			0.923	
Flt Protected	0.950			0.950				0.974			0.983	
Satd. Flow (prot)	1770	3497	0	1770	3483	0	0	1758	0	0	1690	0
Flt Permitted	0.296			0.295				0.763			0.854	
Satd. Flow (perm)	551	3497	0	550	3483	0	0	1377	0	0	1468	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			17			19			87	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	97	513	44	33	497	59	89	42	39	86	21	143
Shared Lane Traffic (%)												
Lane Group Flow (vph)	97	557	0	33	556	0	0	170	0	0	250	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	18.1	18.1		18.1	18.1			45.2			45.2	
Actuated g/C Ratio	0.25	0.25		0.25	0.25			0.62			0.62	
v/c Ratio	0.70	0.63		0.24	0.63			0.20			0.26	
Control Delay	51.8	26.7		25.6	26.4			6.8			5.5	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	51.8	26.7		25.6	26.4			6.8			5.5	
LOS	D	C		C	C			A			A	
Approach Delay		30.4			26.4			6.8			5.5	
Approach LOS		C			C			A			A	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 72.4
Natural Cycle: 45
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.70
Intersection Signal Delay: 22.8 Intersection LOS: C
Intersection Capacity Utilization 46.9% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	62	59	69	169	106	56
Future Vol, veh/h	62	59	69	169	106	56
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	66	63	73	180	113	60
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.7	9.6	8.5
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	29%	51%	0%
Vol Thru, %	71%	0%	65%
Vol Right, %	0%	49%	35%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	238	121	162
LT Vol	69	62	0
Through Vol	169	0	106
RT Vol	0	59	56
Lane Flow Rate	253	129	172
Geometry Grp	1	1	1
Degree of Util (X)	0.315	0.168	0.207
Departure Headway (Hd)	4.485	4.687	4.315
Convergence, Y/N	Yes	Yes	Yes
Cap	803	765	832
Service Time	2.511	2.718	2.342
HCM Lane V/C Ratio	0.315	0.169	0.207
HCM Control Delay	9.6	8.7	8.5
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.4	0.6	0.8

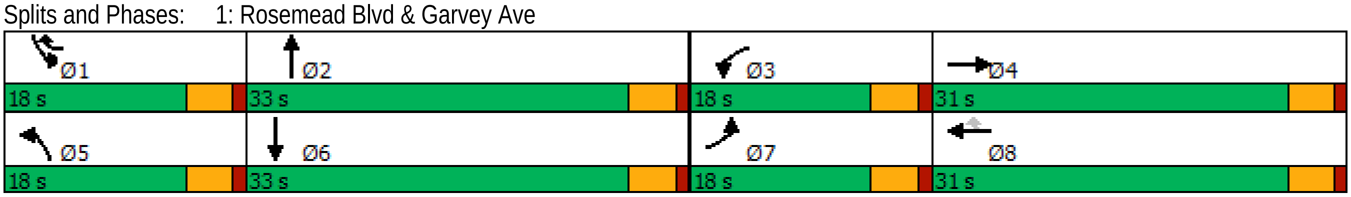
Opening Year Without Project

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	126	304	125	179	303	247	110	813	55	292	1188	152
Future Volume (vph)	126	304	125	179	303	247	110	813	55	292	1188	152
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.956				0.850		0.991			0.983	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3383	0	1770	3539	1583	3433	5040	0	3433	4999	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3383	0	1770	3539	1583	3433	5040	0	3433	4999	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		60				106		10			23	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	135	327	134	192	326	266	118	874	59	314	1277	163
Shared Lane Traffic (%)												
Lane Group Flow (vph)	135	461	0	192	326	266	118	933	0	314	1440	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	11.2	16.1		12.8	17.8	34.5	8.4	28.7		12.2	32.5	
Actuated g/C Ratio	0.13	0.18		0.15	0.20	0.39	0.10	0.33		0.14	0.37	
v/c Ratio	0.60	0.69		0.75	0.46	0.39	0.36	0.57		0.66	0.77	
Control Delay	49.0	34.9		56.2	33.5	13.0	41.5	26.7		43.8	28.7	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	49.0	34.9		56.2	33.5	13.0	41.5	26.7		43.8	28.7	
LOS	D	C		E	C	B	D	C		D	C	
Approach Delay		38.1			32.1			28.4			31.4	
Approach LOS		D			C			C			C	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 87.9	
Natural Cycle: 75	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.77	
Intersection Signal Delay: 31.7	Intersection LOS: C
Intersection Capacity Utilization 67.8%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection						
Int Delay, s/veh	2.9					
Movement	**EBL**	**EBR**	**NBL**	**NBT**	**SBT**	**SBR**
Lane Configurations						
Traffic Vol, veh/h	25	31	71	1349	1428	90
Future Vol, veh/h	25	31	71	1349	1428	90
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	26	32	74	1405	1488	94
Major/Minor	**Minor2**		**Major1**		**Major2**	
Conflicting Flow All	2245	791	1582	0	-	0
Stage 1	1535	-	-	-	-	-
Stage 2	710	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	69	285	203	-	-	-
Stage 1	113	-	-	-	-	-
Stage 2	408	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	44	285	203	-	-	-
Mov Cap-2 Maneuver	44	-	-	-	-	-
Stage 1	72	-	-	-	-	-
Stage 2	408	-	-	-	-	-
Approach	**EB**		**NB**		**SB**	
HCM Control Delay, s	116.4		1.6		0	
HCM LOS	F					
Minor Lane/Major Mvmt		**NBL**	**NBT**	**EBLn1**	**SBT**	**SBR**
Capacity (veh/h)		203	-	83	-	-
HCM Lane V/C Ratio		0.364	-	0.703	-	-
HCM Control Delay (s)		32.6	-	116.4	-	-
HCM Lane LOS		D	-	F	-	-
HCM 95th %tile Q(veh)		1.6	-	3.4	-	-

Intersection						
Int Delay, s/veh	0					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations		↱	↑↑↱			↑↑↑
Traffic Vol, veh/h	0	0	1420	0	0	1459
Future Vol, veh/h	0	0	1420	0	0	1459
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	1543	0	0	1586

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	772	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	294	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	294	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-
HCM Control Delay (s)	-	-	0	-
HCM Lane LOS	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	-

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	539	103	85	743	73	48
Future Volume (vph)	539	103	85	743	73	48
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.976				0.946	
Flt Protected			0.950		0.971	
Satd. Flow (prot)	3454	0	1770	3539	1711	0
Flt Permitted			0.386		0.971	
Satd. Flow (perm)	3454	0	719	3539	1711	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	29				43	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	586	112	92	808	79	52
Shared Lane Traffic (%)						
Lane Group Flow (vph)	698	0	92	808	131	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	15.4		15.4	15.4	7.8	
Actuated g/C Ratio	0.47		0.47	0.47	0.24	
v/c Ratio	0.42		0.27	0.48	0.30	
Control Delay	6.3		7.7	6.9	10.3	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	6.3		7.7	6.9	10.3	
LOS	A		A	A	B	
Approach Delay	6.3			7.0	10.3	
Approach LOS	A			A	B	

Intersection Summary

Area Type: Other

Cycle Length: 100

Actuated Cycle Length: 32.5

Natural Cycle: 45

Control Type: Actuated-Uncoordinated

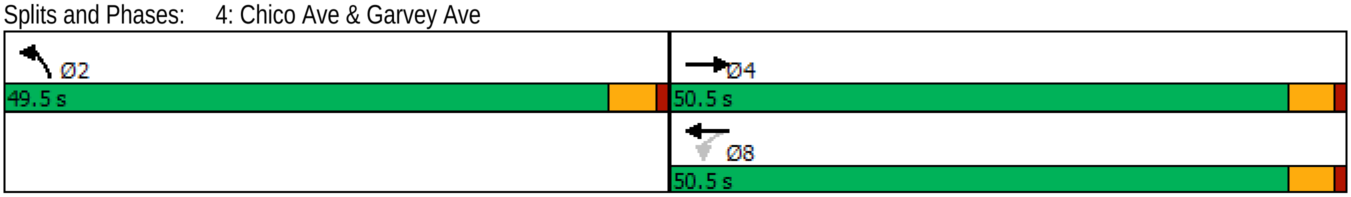
Maximum v/c Ratio: 0.48

Intersection Signal Delay: 7.0 Intersection LOS: A

Intersection Capacity Utilization 41.1% ICU Level of Service A

Analysis Period (min) 15

Splits and Phases: 4: Chico Ave & Garvey Ave



Intersection						
Int Delay, s/veh	3.5					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	62	39	65	17	28	173
Future Vol, veh/h	62	39	65	17	28	173
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	78	78	78	78	78	78
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	79	50	83	22	36	222

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	388	94	0	0	105	0
Stage 1	94	-	-	-	-	-
Stage 2	294	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	616	963	-	-	1486	-
Stage 1	930	-	-	-	-	-
Stage 2	756	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	599	963	-	-	1486	-
Mov Cap-2 Maneuver	599	-	-	-	-	-
Stage 1	930	-	-	-	-	-
Stage 2	735	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11.3	0	1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	701	1486	-
HCM Lane V/C Ratio	-	-	0.185	0.024	-
HCM Control Delay (s)	-	-	11.3	7.5	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.7	0.1	-

Intersection						
Int Delay, s/veh	0					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	82	235	0
Future Vol, veh/h	0	0	0	82	235	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	89	255	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	344	255	255	0	-	0
Stage 1	255	-	-	-	-	-
Stage 2	89	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	652	784	1310	-	-	-
Stage 1	788	-	-	-	-	-
Stage 2	934	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	652	784	1310	-	-	-
Mov Cap-2 Maneuver	652	-	-	-	-	-
Stage 1	788	-	-	-	-	-
Stage 2	934	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1310	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

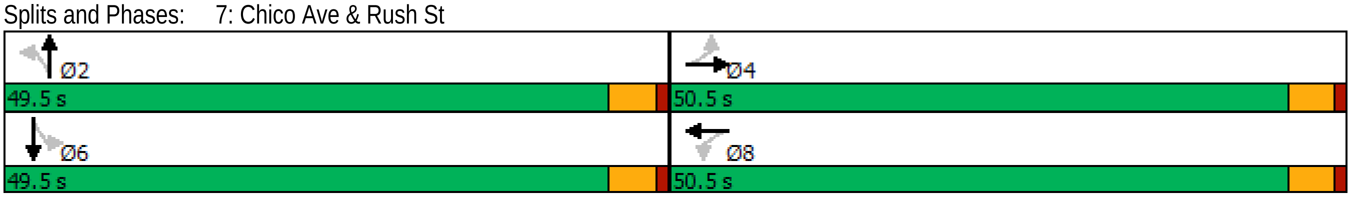
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	67	383	54	21	390	68	31	16	18	34	22	84
Future Volume (vph)	67	383	54	21	390	68	31	16	18	34	22	84
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.981			0.978			0.962			0.919	
Flt Protected	0.950			0.950				0.977			0.988	
Satd. Flow (prot)	1770	3472	0	1770	3461	0	0	1751	0	0	1691	0
Flt Permitted	0.326			0.348				0.867			0.937	
Satd. Flow (perm)	607	3472	0	648	3461	0	0	1554	0	0	1604	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		21			26			20			91	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	73	416	59	23	424	74	34	17	20	37	24	91
Shared Lane Traffic (%)												
Lane Group Flow (vph)	73	475	0	23	498	0	0	71	0	0	152	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	15.4	15.4		15.4	15.4			45.1			45.1	
Actuated g/C Ratio	0.22	0.22		0.22	0.22			0.65			0.65	
v/c Ratio	0.54	0.61		0.16	0.63			0.07			0.14	
Control Delay	39.8	26.5		24.1	26.9			4.4			3.0	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	39.8	26.5		24.1	26.9			4.4			3.0	
LOS	D	C		C	C			A			A	
Approach Delay		28.3			26.8			4.4			3.0	
Approach LOS		C			C			A			A	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 69.5
Natural Cycle: 45
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.63
Intersection Signal Delay: 23.4 Intersection LOS: C
Intersection Capacity Utilization 37.2% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	38	44	36	81	109	25
Future Vol, veh/h	38	44	36	81	109	25
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	41	48	39	88	118	27
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.8	8.1	8
HCM LOS	A	A	A

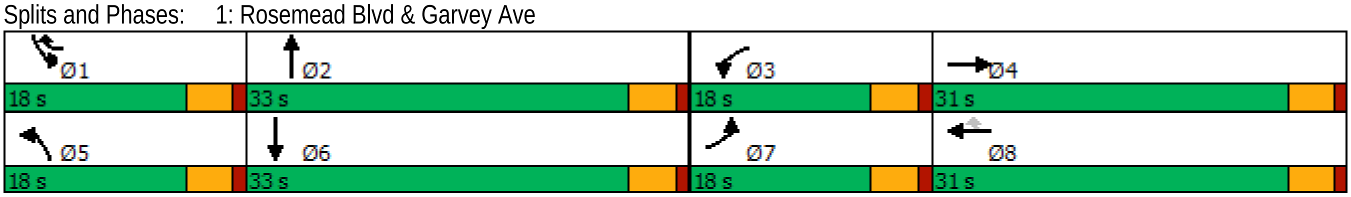
Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	31%	46%	0%
Vol Thru, %	69%	0%	81%
Vol Right, %	0%	54%	19%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	117	82	134
LT Vol	36	38	0
Through Vol	81	0	109
RT Vol	0	44	25
Lane Flow Rate	127	89	146
Geometry Grp	1	1	1
Degree of Util (X)	0.151	0.107	0.165
Departure Headway (Hd)	4.263	4.304	4.076
Convergence, Y/N	Yes	Yes	Yes
Cap	829	838	867
Service Time	2.352	2.304	2.165
HCM Lane V/C Ratio	0.153	0.106	0.168
HCM Control Delay	8.1	7.8	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.5	0.4	0.6

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	258	567	91	176	494	374	227	1197	128	384	1142	168
Future Volume (vph)	258	567	91	176	494	374	227	1197	128	384	1142	168
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.979				0.850		0.986			0.981	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3465	0	1770	3539	1583	3433	5014	0	3433	4989	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3465	0	1770	3539	1583	3433	5014	0	3433	4989	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		18				65		18			27	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	280	616	99	191	537	407	247	1301	139	417	1241	183
Shared Lane Traffic (%)												
Lane Group Flow (vph)	280	715	0	191	537	407	247	1440	0	417	1424	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	13.5	24.1		12.9	23.5	41.5	11.7	28.6		13.5	30.3	
Actuated g/C Ratio	0.14	0.25		0.13	0.24	0.43	0.12	0.29		0.14	0.31	
v/c Ratio	1.14	0.82		0.81	0.63	0.57	0.60	0.97		0.88	0.90	
Control Delay	140.5	42.2		68.4	36.3	20.9	47.1	51.6		62.2	41.8	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	140.5	42.2		68.4	36.3	20.9	47.1	51.6		62.2	41.8	
LOS	F	D		E	D	C	D	D		E	D	
Approach Delay		69.8			36.2			51.0			46.4	
Approach LOS		E			D			D			D	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 97.1	
Natural Cycle: 90	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 1.14	
Intersection Signal Delay: 49.8	Intersection LOS: D
Intersection Capacity Utilization 80.3%	ICU Level of Service D
Analysis Period (min) 15	

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection	
Int Delay, s/veh	21.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	37	42	75	1594	1690	54
Future Vol, veh/h	37	42	75	1594	1690	54
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	39	45	80	1696	1798	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2665	928	1855	0	-	0
Stage 1	1827	-	-	-	-	-
Stage 2	838	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	40	232	148	-	-	-
Stage 1	73	-	-	-	-	-
Stage 2	349	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 18	232	148	-	-	-
Mov Cap-2 Maneuver	~ 18	-	-	-	-	-
Stage 1	~ 34	-	-	-	-	-
Stage 2	349	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	$ 882	2.5	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	148	-	35	-	-
HCM Lane V/C Ratio	0.539	-	2.401	-	-
HCM Control Delay (s)	54.7	-	$ 882	-	-
HCM Lane LOS	F	-	F	-	-
HCM 95th %tile Q(veh)	2.7	-	9.5	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection	
Int Delay, s/veh	0

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	1669	0	0	1731
Future Vol, veh/h	0	0	1669	0	0	1731
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	1814	0	0	1882

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	907	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	239	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	239	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

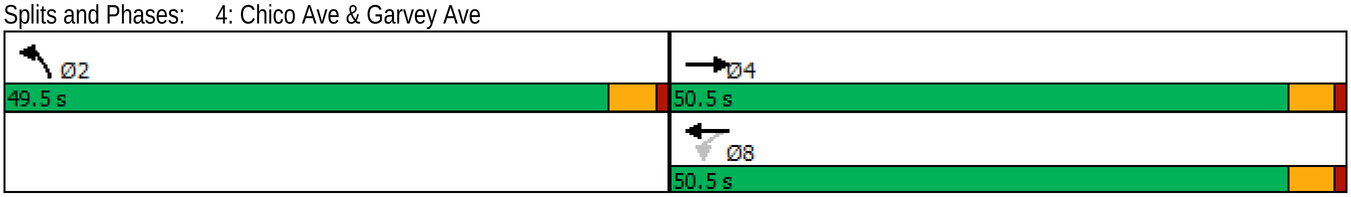
Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-
HCM Control Delay (s)	-	-	0	-
HCM Lane LOS	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	-

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	1108	82	71	899	119	117
Future Volume (vph)	1108	82	71	899	119	117
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.990				0.933	
Flt Protected			0.950		0.975	
Satd. Flow (prot)	3504	0	1770	3539	1694	0
Flt Permitted			0.130		0.975	
Satd. Flow (perm)	3504	0	242	3539	1694	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	10				21	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Adj. Flow (vph)	1335	99	86	1083	143	141
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1434	0	86	1083	284	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	46.1		46.1	46.1	16.2	
Actuated g/C Ratio	0.65		0.65	0.65	0.23	
v/c Ratio	0.63		0.55	0.47	0.71	
Control Delay	9.9		27.1	7.9	33.6	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	9.9		27.1	7.9	33.6	
LOS	A		C	A	C	
Approach Delay	9.9			9.4	33.6	
Approach LOS	A			A	C	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 71.4	
Natural Cycle: 65	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.71	
Intersection Signal Delay: 12.0	Intersection LOS: B
Intersection Capacity Utilization 62.4%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 4: Chico Ave & Garvey Ave



Intersection						
Int Delay, s/veh	3					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	42	47	196	58	48	108
Future Vol, veh/h	42	47	196	58	48	108
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	82	82	82	82	82	82
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	51	57	239	71	59	132

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	525	275	0	0	310	0
Stage 1	275	-	-	-	-	-
Stage 2	250	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	513	764	-	-	1250	-
Stage 1	771	-	-	-	-	-
Stage 2	792	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	487	764	-	-	1250	-
Mov Cap-2 Maneuver	487	-	-	-	-	-
Stage 1	771	-	-	-	-	-
Stage 2	752	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	12.3	0	2.5
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	602	1250	-
HCM Lane V/C Ratio	-	-	0.18	0.047	-
HCM Control Delay (s)	-	-	12.3	8	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.7	0.1	-

Intersection						
Int Delay, s/veh	0					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	255	149	0
Future Vol, veh/h	0	0	0	255	149	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	277	162	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	439	162	162	0	-	0
Stage 1	162	-	-	-	-	-
Stage 2	277	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	575	883	1417	-	-	-
Stage 1	867	-	-	-	-	-
Stage 2	770	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	575	883	1417	-	-	-
Mov Cap-2 Maneuver	575	-	-	-	-	-
Stage 1	867	-	-	-	-	-
Stage 2	770	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

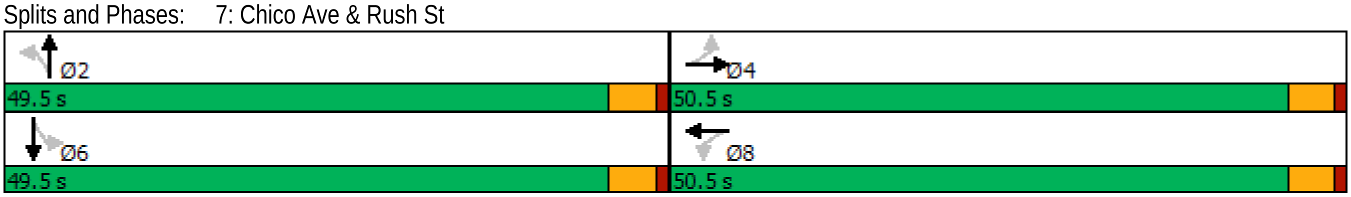
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1417	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	93	494	43	33	474	52	85	40	37	76	20	113
Future Volume (vph)	93	494	43	33	474	52	85	40	37	76	20	113
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.988			0.985			0.969			0.927	
Flt Protected	0.950			0.950				0.974			0.982	
Satd. Flow (prot)	1770	3497	0	1770	3486	0	0	1758	0	0	1696	0
Flt Permitted	0.304			0.294				0.776			0.851	
Satd. Flow (perm)	566	3497	0	548	3486	0	0	1401	0	0	1469	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			15			19			77	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	97	515	45	34	494	54	89	42	39	79	21	118
Shared Lane Traffic (%)												
Lane Group Flow (vph)	97	560	0	34	548	0	0	170	0	0	218	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	18.2	18.2		18.2	18.2			45.2			45.2	
Actuated g/C Ratio	0.25	0.25		0.25	0.25			0.62			0.62	
v/c Ratio	0.68	0.63		0.25	0.62			0.19			0.23	
Control Delay	49.1	26.7		25.8	26.3			6.8			5.3	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	49.1	26.7		25.8	26.3			6.8			5.3	
LOS	D	C		C	C			A			A	
Approach Delay		30.0			26.3			6.8			5.3	
Approach LOS		C			C			A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 72.4	
Natural Cycle: 45	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.68	
Intersection Signal Delay: 22.9	Intersection LOS: C
Intersection Capacity Utilization 45.1%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	58	59	70	169	107	51
Future Vol, veh/h	58	59	70	169	107	51
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	62	63	74	180	114	54
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.6	9.6	8.4
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	29%	50%	0%
Vol Thru, %	71%	0%	68%
Vol Right, %	0%	50%	32%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	239	117	158
LT Vol	70	58	0
Through Vol	169	0	107
RT Vol	0	59	51
Lane Flow Rate	254	124	168
Geometry Grp	1	1	1
Degree of Util (X)	0.316	0.161	0.202
Departure Headway (Hd)	4.469	4.667	4.317
Convergence, Y/N	Yes	Yes	Yes
Cap	806	768	832
Service Time	2.493	2.697	2.342
HCM Lane V/C Ratio	0.315	0.161	0.202
HCM Control Delay	9.6	8.6	8.4
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.4	0.6	0.8

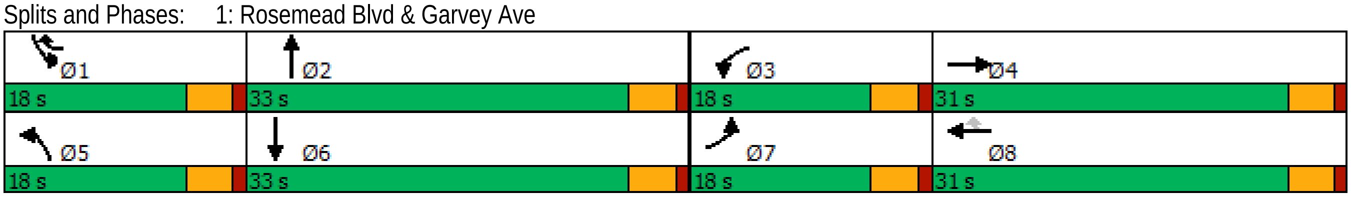
Opening Year With Project

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	126	305	125	179	303	247	115	840	61	301	1188	152
Future Volume (vph)	126	305	125	179	303	247	115	840	61	301	1188	152
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.956				0.850		0.990			0.983	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3383	0	1770	3539	1583	3433	5034	0	3433	4999	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3383	0	1770	3539	1583	3433	5034	0	3433	4999	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		60				105		11			23	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	135	328	134	192	326	266	124	903	66	324	1277	163
Shared Lane Traffic (%)												
Lane Group Flow (vph)	135	462	0	192	326	266	124	969	0	324	1440	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	11.2	16.2		12.8	17.8	34.7	8.6	28.7		12.3	32.4	
Actuated g/C Ratio	0.13	0.18		0.15	0.20	0.39	0.10	0.33		0.14	0.37	
v/c Ratio	0.60	0.69		0.75	0.46	0.39	0.37	0.59		0.68	0.78	
Control Delay	49.0	35.0		56.4	33.5	13.1	41.6	27.2		44.4	28.9	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	49.0	35.0		56.4	33.5	13.1	41.6	27.2		44.4	28.9	
LOS	D	C		E	C	B	D	C		D	C	
Approach Delay		38.1			32.2			28.8			31.8	
Approach LOS		D			C			C			C	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 88.1	
Natural Cycle: 75	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.78	
Intersection Signal Delay: 32.0	Intersection LOS: C
Intersection Capacity Utilization 67.9%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection	
Int Delay, s/veh	3.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	25	31	76	1387	1428	90
Future Vol, veh/h	25	31	76	1387	1428	90
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	26	32	79	1445	1488	94

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2271	791	1582	0	-	0
Stage 1	1535	-	-	-	-	-
Stage 2	736	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	67	285	203	-	-	-
Stage 1	113	-	-	-	-	-
Stage 2	395	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	41	285	203	-	-	-
Mov Cap-2 Maneuver	41	-	-	-	-	-
Stage 1	69	-	-	-	-	-
Stage 2	395	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	131.4	1.7	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	203	-	78	-	-
HCM Lane V/C Ratio	0.39	-	0.748	-	-
HCM Control Delay (s)	33.6	-	131.4	-	-
HCM Lane LOS	D	-	F	-	-
HCM 95th %tile Q(veh)	1.7	-	3.6	-	-

Intersection						
Int Delay, s/veh	0.3					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations		↱	↑↑↱			↑↑↑
Traffic Vol, veh/h	0	43	1420	16	0	1465
Future Vol, veh/h	0	43	1420	16	0	1465
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	47	1543	17	0	1592

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	780	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	290	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	290	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	19.8	0	0
HCM LOS	C		

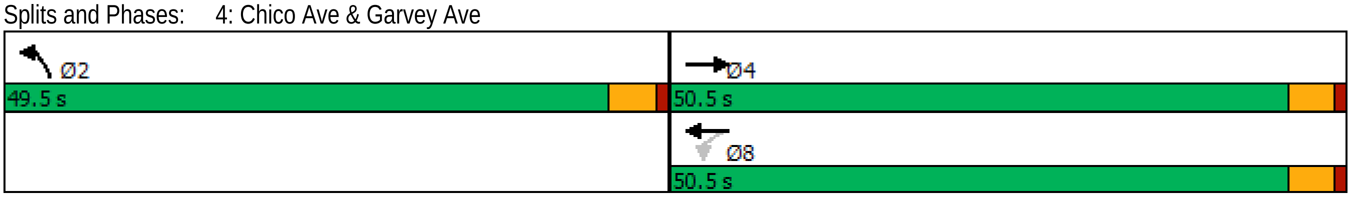
Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	290	-
HCM Lane V/C Ratio	-	-	0.161	-
HCM Control Delay (s)	-	-	19.8	-
HCM Lane LOS	-	-	C	-
HCM 95th %tile Q(veh)	-	-	0.6	-

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	544	114	91	743	73	59
Future Volume (vph)	544	114	91	743	73	59
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.974				0.940	
Flt Protected			0.950		0.973	
Satd. Flow (prot)	3447	0	1770	3539	1704	0
Flt Permitted			0.380		0.973	
Satd. Flow (perm)	3447	0	708	3539	1704	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	33				53	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	591	124	99	808	79	64
Shared Lane Traffic (%)						
Lane Group Flow (vph)	715	0	99	808	143	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	15.7		15.7	15.7	7.9	
Actuated g/C Ratio	0.48		0.48	0.48	0.24	
v/c Ratio	0.43		0.29	0.48	0.32	
Control Delay	6.3		8.1	7.0	10.3	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	6.3		8.1	7.0	10.3	
LOS	A		A	A	B	
Approach Delay	6.3			7.1	10.3	
Approach LOS	A			A	B	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 33	
Natural Cycle: 45	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.48	
Intersection Signal Delay: 7.0	Intersection LOS: A
Intersection Capacity Utilization 42.6%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 4: Chico Ave & Garvey Ave



Intersection						
Int Delay, s/veh	3.4					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	64	39	76	22	28	189
Future Vol, veh/h	64	39	76	22	28	189
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	78	78	78	78	78	78
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	82	50	97	28	36	242

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	425	111	0	0	125	0
Stage 1	111	-	-	-	-	-
Stage 2	314	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	586	942	-	-	1462	-
Stage 1	914	-	-	-	-	-
Stage 2	741	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	570	942	-	-	1462	-
Mov Cap-2 Maneuver	570	-	-	-	-	-
Stage 1	914	-	-	-	-	-
Stage 2	720	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11.7	0	1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	670	1462	-
HCM Lane V/C Ratio	-	-	0.197	0.025	-
HCM Control Delay (s)	-	-	11.7	7.5	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.7	0.1	-

Intersection						
Int Delay, s/veh	1.7					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	Y			↰	↱	
Traffic Vol, veh/h	16	48	2	82	235	18
Future Vol, veh/h	16	48	2	82	235	18
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	17	52	2	89	255	20

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	358	265	275	0	-	0
Stage 1	265	-	-	-	-	-
Stage 2	93	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	640	774	1288	-	-	-
Stage 1	779	-	-	-	-	-
Stage 2	931	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	639	774	1288	-	-	-
Mov Cap-2 Maneuver	639	-	-	-	-	-
Stage 1	777	-	-	-	-	-
Stage 2	931	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.4	0.2	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1288	-	735	-	-
HCM Lane V/C Ratio	0.002	-	0.095	-	-
HCM Control Delay (s)	7.8	0	10.4	-	-
HCM Lane LOS	A	A	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

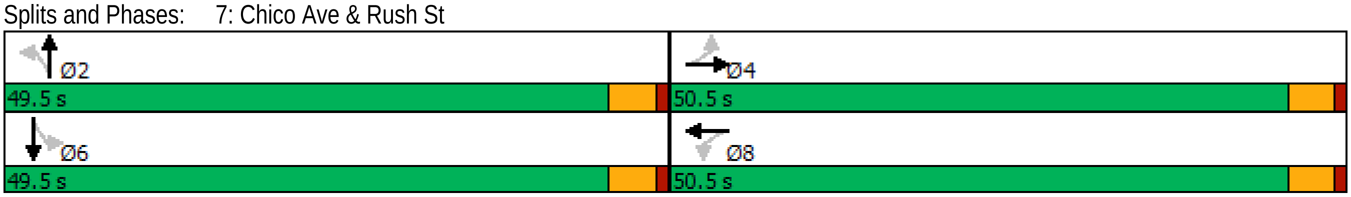
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	67	383	54	21	391	70	31	16	18	44	22	122
Future Volume (vph)	67	383	54	21	391	70	31	16	18	44	22	122
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.981			0.977			0.962			0.912	
Flt Protected	0.950			0.950				0.977			0.988	
Satd. Flow (prot)	1770	3472	0	1770	3458	0	0	1751	0	0	1678	0
Flt Permitted	0.323			0.348				0.853			0.933	
Satd. Flow (perm)	602	3472	0	648	3458	0	0	1529	0	0	1585	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		21			27			20			121	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	73	416	59	23	425	76	34	17	20	48	24	133
Shared Lane Traffic (%)												
Lane Group Flow (vph)	73	475	0	23	501	0	0	71	0	0	205	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	15.4	15.4		15.4	15.4			45.1			45.1	
Actuated g/C Ratio	0.22	0.22		0.22	0.22			0.65			0.65	
v/c Ratio	0.55	0.60		0.16	0.64			0.07			0.19	
Control Delay	40.1	26.5		24.1	26.9			4.4			3.1	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	40.1	26.5		24.1	26.9			4.4			3.1	
LOS	D	C		C	C			A			A	
Approach Delay		28.3			26.8			4.4			3.1	
Approach LOS		C			C			A			A	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 69.6
Natural Cycle: 45
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.64
Intersection Signal Delay: 22.6 Intersection LOS: C
Intersection Capacity Utilization 40.3% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	44	44	36	81	109	26
Future Vol, veh/h	44	44	36	81	109	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	48	48	39	88	118	28
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.9	8.1	8
HCM LOS	A	A	A

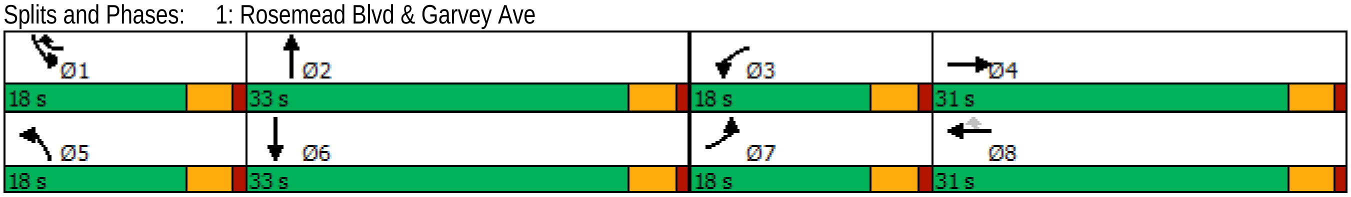
Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	31%	50%	0%
Vol Thru, %	69%	0%	81%
Vol Right, %	0%	50%	19%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	117	88	135
LT Vol	36	44	0
Through Vol	81	0	109
RT Vol	0	44	26
Lane Flow Rate	127	96	147
Geometry Grp	1	1	1
Degree of Util (X)	0.151	0.115	0.166
Departure Headway (Hd)	4.276	4.335	4.084
Convergence, Y/N	Yes	Yes	Yes
Cap	825	832	864
Service Time	2.369	2.335	2.178
HCM Lane V/C Ratio	0.154	0.115	0.17
HCM Control Delay	8.1	7.9	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.5	0.4	0.6

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↰	↑↱		↰	↑↑	↱	↰↰	↑↑↱		↰↰	↑↑↱	
Traffic Volume (vph)	258	573	91	176	494	374	230	1215	132	414	1142	168
Future Volume (vph)	258	573	91	176	494	374	230	1215	132	414	1142	168
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	240		0	215		180	210		0	275		0
Storage Lanes	1		0	1		1	2		0	2		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	1.00	0.97	0.91	0.91	0.97	0.91	0.91
Frt		0.979				0.850		0.985			0.981	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1770	3465	0	1770	3539	1583	3433	5009	0	3433	4989	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	1770	3465	0	1770	3539	1583	3433	5009	0	3433	4989	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		17				65		18			27	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		424			1598			1364			420	
Travel Time (s)		9.6			36.3			31.0			9.5	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	280	623	99	191	537	407	250	1321	143	450	1241	183
Shared Lane Traffic (%)												
Lane Group Flow (vph)	280	722	0	191	537	407	250	1464	0	450	1424	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			24			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane					Yes							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2		1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100		20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0		0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Prot	NA		Prot	NA	pm+ov	Prot	NA		Prot	NA	
Protected Phases	7	4		3	8	1	5	2		1	6	
Permitted Phases						8						

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	7	4		3	8	1	5	2		1	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0		5.0	5.0	
Minimum Split (s)	9.5	22.5		9.5	22.5	9.5	9.5	22.5		9.5	22.5	
Total Split (s)	18.0	31.0		18.0	31.0	18.0	18.0	33.0		18.0	33.0	
Total Split (%)	18.0%	31.0%		18.0%	31.0%	18.0%	18.0%	33.0%		18.0%	33.0%	
Maximum Green (s)	13.5	26.5		13.5	26.5	13.5	13.5	28.5		13.5	28.5	
Yellow Time (s)	3.5	3.5		3.5	3.5	3.5	3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5	4.5	4.5		4.5	4.5	
Lead/Lag	Lead	Lag		Lead	Lag	Lead	Lead	Lag		Lead	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None	None	None	Max		None	Max	
Walk Time (s)		7.0			7.0			7.0			7.0	
Flash Dont Walk (s)		11.0			11.0			11.0			11.0	
Pedestrian Calls (#/hr)		0			0			0			0	
Act Effct Green (s)	13.5	24.4		12.9	23.8	41.8	11.8	28.5		13.5	30.3	
Actuated g/C Ratio	0.14	0.25		0.13	0.24	0.43	0.12	0.29		0.14	0.31	
v/c Ratio	1.14	0.82		0.82	0.62	0.57	0.60	0.99		0.95	0.91	
Control Delay	141.9	42.3		68.9	36.1	20.8	47.3	56.0		72.9	42.4	
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay	141.9	42.3		68.9	36.1	20.8	47.3	56.0		72.9	42.4	
LOS	F	D		E	D	C	D	E		E	D	
Approach Delay		70.1			36.1			54.8			49.7	
Approach LOS		E			D			D			D	

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 97.4	
Natural Cycle: 90	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 1.14	
Intersection Signal Delay: 52.1	Intersection LOS: D
Intersection Capacity Utilization 81.7%	ICU Level of Service D
Analysis Period (min) 15	

Splits and Phases: 1: Rosemead Blvd & Garvey Ave



Intersection						
Int Delay, s/veh	21.9					

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	37	42	79	1618	1690	54
Future Vol, veh/h	37	42	79	1618	1690	54
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	140	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	39	45	84	1721	1798	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2683	928	1855	0	-	0
Stage 1	1827	-	-	-	-	-
Stage 2	856	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	40	232	148	-	-	-
Stage 1	73	-	-	-	-	-
Stage 2	341	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 17	232	148	-	-	-
Mov Cap-2 Maneuver	~ 17	-	-	-	-	-
Stage 1	~ 32	-	-	-	-	-
Stage 2	341	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	$ 919	2.7	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	148	-	34	-	-
HCM Lane V/C Ratio	0.568	-	2.472	-	-
HCM Control Delay (s)	57.3	-	$ 919	-	-
HCM Lane LOS	F	-	F	-	-
HCM 95th %tile Q(veh)	2.9	-	9.6	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection						
Int Delay, s/veh	0.2					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations		↱	↑↑↑↱			↑↑↑
Traffic Vol, veh/h	0	28	1669	53	0	1735
Future Vol, veh/h	0	28	1669	53	0	1735
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	30	1814	58	0	1886

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	-	936	0	0	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.14	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.92	-	-	-	-
Pot Cap-1 Maneuver	0	229	-	-	0	-
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	-	229	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	23.1	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBT
Capacity (veh/h)	-	-	229	-
HCM Lane V/C Ratio	-	-	0.133	-
HCM Control Delay (s)	-	-	23.1	-
HCM Lane LOS	-	-	C	-
HCM 95th %tile Q(veh)	-	-	0.5	-

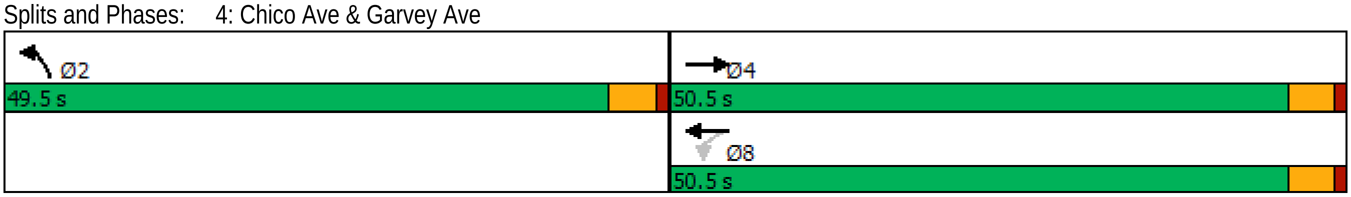
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	1111	118	89	899	119	124
Future Volume (vph)	1111	118	89	899	119	124
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		0	130		0	0
Storage Lanes		0	1		1	0
Taper Length (ft)			25		25	
Lane Util. Factor	0.95	0.95	1.00	0.95	1.00	1.00
Frt	0.986				0.931	
Flt Protected			0.950		0.976	
Satd. Flow (prot)	3490	0	1770	3539	1693	0
Flt Permitted			0.119		0.976	
Satd. Flow (perm)	3490	0	222	3539	1693	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	15				21	
Link Speed (mph)	30			30	30	
Link Distance (ft)	1598			1320	1311	
Travel Time (s)	36.3			30.0	29.8	
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Adj. Flow (vph)	1339	142	107	1083	143	149
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1481	0	107	1083	292	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	12			12	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane	Yes			Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Number of Detectors	2		1	2	1	
Detector Template	Thru		Left	Thru	Left	
Leading Detector (ft)	100		20	100	20	
Trailing Detector (ft)	0		0	0	0	
Detector 1 Position(ft)	0		0	0	0	
Detector 1 Size(ft)	6		20	6	20	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	0.0	
Detector 2 Position(ft)	94			94		
Detector 2 Size(ft)	6			6		
Detector 2 Type	Cl+Ex			Cl+Ex		
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0		
Turn Type	NA		Perm	NA	Prot	
Protected Phases	4			8	2	
Permitted Phases			8			

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Detector Phase	4		8	8	2	
Switch Phase						
Minimum Initial (s)	5.0		5.0	5.0	5.0	
Minimum Split (s)	22.5		22.5	22.5	22.5	
Total Split (s)	50.5		50.5	50.5	49.5	
Total Split (%)	50.5%		50.5%	50.5%	49.5%	
Maximum Green (s)	46.0		46.0	46.0	45.0	
Yellow Time (s)	3.5		3.5	3.5	3.5	
All-Red Time (s)	1.0		1.0	1.0	1.0	
Lost Time Adjust (s)	0.0		0.0	0.0	0.0	
Total Lost Time (s)	4.5		4.5	4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		3.0	3.0	3.0	
Recall Mode	None		None	None	Min	
Walk Time (s)	7.0		7.0	7.0	7.0	
Flash Dont Walk (s)	11.0		11.0	11.0	11.0	
Pedestrian Calls (#/hr)	0		0	0	0	
Act Effct Green (s)	46.2		46.2	46.2	16.7	
Actuated g/C Ratio	0.64		0.64	0.64	0.23	
v/c Ratio	0.66		0.75	0.48	0.72	
Control Delay	10.5		49.1	8.2	33.7	
Queue Delay	0.0		0.0	0.0	0.0	
Total Delay	10.5		49.1	8.2	33.7	
LOS	B		D	A	C	
Approach Delay	10.5			11.8	33.7	
Approach LOS	B			B	C	

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 71.9
Natural Cycle: 75
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.75
Intersection Signal Delay: 13.3 Intersection LOS: B
Intersection Capacity Utilization 64.8% ICU Level of Service C
Analysis Period (min) 15

Splits and Phases: 4: Chico Ave & Garvey Ave



Intersection						
Int Delay, s/veh	2.9					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	47	47	203	62	48	161
Future Vol, veh/h	47	47	203	62	48	161
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	82	82	82	82	82	82
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	57	57	248	76	59	196

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	600	286	0	0	324	0
Stage 1	286	-	-	-	-	-
Stage 2	314	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	464	753	-	-	1236	-
Stage 1	763	-	-	-	-	-
Stage 2	741	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	439	753	-	-	1236	-
Mov Cap-2 Maneuver	439	-	-	-	-	-
Stage 1	763	-	-	-	-	-
Stage 2	701	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	13.2	0	1.9
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	555	1236	-
HCM Lane V/C Ratio	-	-	0.207	0.047	-
HCM Control Delay (s)	-	-	13.2	8.1	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.8	0.1	-

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	31	6	255	149	59
Future Vol, veh/h	10	31	6	255	149	59
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	34	7	277	162	64

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	485	194	226	0	-	0
Stage 1	194	-	-	-	-	-
Stage 2	291	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	541	847	1342	-	-	-
Stage 1	839	-	-	-	-	-
Stage 2	759	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	538	847	1342	-	-	-
Mov Cap-2 Maneuver	538	-	-	-	-	-
Stage 1	834	-	-	-	-	-
Stage 2	759	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.2	0.2	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1342	-	743	-	-
HCM Lane V/C Ratio	0.005	-	0.06	-	-
HCM Control Delay (s)	7.7	0	10.2	-	-
HCM Lane LOS	A	A	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	93	494	43	33	480	58	85	40	37	83	20	138
Future Volume (vph)	93	494	43	33	480	58	85	40	37	83	20	138
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	105		0	105		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.988			0.984			0.969			0.923	
Flt Protected	0.950			0.950				0.974			0.983	
Satd. Flow (prot)	1770	3497	0	1770	3483	0	0	1758	0	0	1690	0
Flt Permitted	0.294			0.294				0.763			0.854	
Satd. Flow (perm)	548	3497	0	548	3483	0	0	1377	0	0	1468	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			17			19			88	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1293			1297			518			2216	
Travel Time (s)		29.4			29.5			11.8			50.4	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	97	515	45	34	500	60	89	42	39	86	21	144
Shared Lane Traffic (%)												
Lane Group Flow (vph)	97	560	0	34	560	0	0	170	0	0	251	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		12			12			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2		1	2		1	2	
Detector Template	Left	Thru		Left	Thru		Left	Thru		Left	Thru	
Leading Detector (ft)	20	100		20	100		20	100		20	100	
Trailing Detector (ft)	0	0		0	0		0	0		0	0	
Detector 1 Position(ft)	0	0		0	0		0	0		0	0	
Detector 1 Size(ft)	20	6		20	6		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		Cl+Ex			Cl+Ex			Cl+Ex			Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	
Minimum Split (s)	22.5	22.5		22.5	22.5		22.5	22.5		22.5	22.5	
Total Split (s)	50.5	50.5		50.5	50.5		49.5	49.5		49.5	49.5	
Total Split (%)	50.5%	50.5%		50.5%	50.5%		49.5%	49.5%		49.5%	49.5%	
Maximum Green (s)	46.0	46.0		46.0	46.0		45.0	45.0		45.0	45.0	
Yellow Time (s)	3.5	3.5		3.5	3.5		3.5	3.5		3.5	3.5	
All-Red Time (s)	1.0	1.0		1.0	1.0		1.0	1.0		1.0	1.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	4.5	4.5		4.5	4.5			4.5			4.5	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	
Walk Time (s)	7.0	7.0		7.0	7.0		7.0	7.0		7.0	7.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0		11.0	11.0		11.0	11.0	
Pedestrian Calls (#/hr)	0	0		0	0		0	0		0	0	
Act Effct Green (s)	18.3	18.3		18.3	18.3			45.2			45.2	
Actuated g/C Ratio	0.25	0.25		0.25	0.25			0.62			0.62	
v/c Ratio	0.70	0.63		0.25	0.63			0.20			0.26	
Control Delay	51.8	26.6		25.7	26.4			6.9			5.6	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	51.8	26.6		25.7	26.4			6.9			5.6	
LOS	D	C		C	C			A			A	
Approach Delay		30.3			26.3			6.9			5.6	
Approach LOS		C			C			A			A	

Intersection Summary

Area Type: Other

Cycle Length: 100

Actuated Cycle Length: 72.5

Natural Cycle: 45

Control Type: Actuated-Uncoordinated

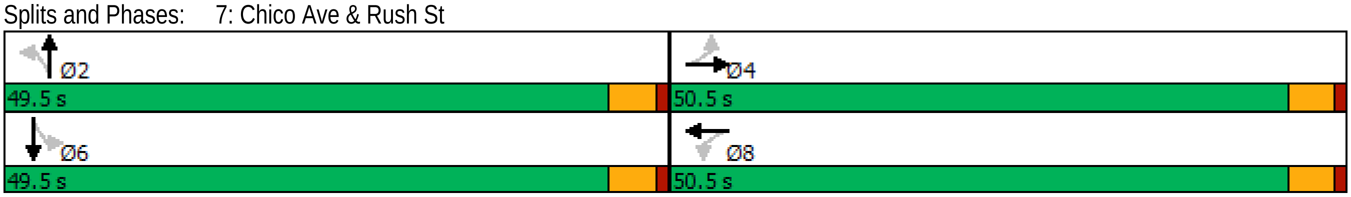
Maximum v/c Ratio: 0.70

Intersection Signal Delay: 22.8 Intersection LOS: C

Intersection Capacity Utilization 47.1% ICU Level of Service A

Analysis Period (min) 15

Splits and Phases: 7: Chico Ave & Rush St



Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	Y			↰	↱	
Traffic Vol, veh/h	62	59	70	169	107	56
Future Vol, veh/h	62	59	70	169	107	56
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	66	63	74	180	114	60
Number of Lanes	1	0	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	1	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.7	9.6	8.5
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1
Vol Left, %	29%	51%	0%
Vol Thru, %	71%	0%	66%
Vol Right, %	0%	49%	34%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	239	121	163
LT Vol	70	62	0
Through Vol	169	0	107
RT Vol	0	59	56
Lane Flow Rate	254	129	173
Geometry Grp	1	1	1
Degree of Util (X)	0.317	0.168	0.208
Departure Headway (Hd)	4.489	4.691	4.319
Convergence, Y/N	Yes	Yes	Yes
Cap	801	765	831
Service Time	2.512	2.723	2.345
HCM Lane V/C Ratio	0.317	0.169	0.208
HCM Control Delay	9.6	8.7	8.5
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.4	0.6	0.8

APPENDIX C – LOS CALCULATION SHEETS FOR ROSEMEAD BLVD/PROJECT DWY ALTERNATIVES

Intersection						
Int Delay, s/veh	3.1					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	43	38	1404	16	9	1439
Future Vol, veh/h	43	38	1404	16	9	1439
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	80	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	47	41	1526	17	10	1564

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2181	772	0	0	1543	0
Stage 1	1535	-	-	-	-	-
Stage 2	646	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	75	294	-	-	212	-
Stage 1	113	-	-	-	-	-
Stage 2	440	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	71	294	-	-	212	-
Mov Cap-2 Maneuver	71	-	-	-	-	-
Stage 1	113	-	-	-	-	-
Stage 2	419	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	110.3	0	0.1
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	110	212	-
HCM Lane V/C Ratio	-	-	0.8	0.046	-
HCM Control Delay (s)	-	-	110.3	22.8	-
HCM Lane LOS	-	-	F	C	-
HCM 95th %tile Q(veh)	-	-	4.5	0.1	-

Intersection						
Int Delay, s/veh	3.9					

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	28	24	1627	53	30	1694
Future Vol, veh/h	28	24	1627	53	30	1694
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	80	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	30	26	1768	58	33	1841

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2599	913	0	0	1826	0
Stage 1	1797	-	-	-	-	-
Stage 2	802	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	44	237	-	-	153	-
Stage 1	77	-	-	-	-	-
Stage 2	364	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	34	237	-	-	153	-
Mov Cap-2 Maneuver	34	-	-	-	-	-
Stage 1	77	-	-	-	-	-
Stage 2	285	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	242.3	0	0.6
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	56	153	-
HCM Lane V/C Ratio	-	-	1.009	0.213	-
HCM Control Delay (s)	-	-	242.3	34.8	-
HCM Lane LOS	-	-	F	D	-
HCM 95th %tile Q(veh)	-	-	4.6	0.8	-

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	43	38	1404	16	9	1439
Future Volume (vph)	43	38	1404	16	9	1439
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0		0	80	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	0.91	0.91	1.00	0.91
Frt	0.937		0.998			
Flt Protected	0.974				0.950	
Satd. Flow (prot)	1700	0	5075	0	1770	5085
Flt Permitted	0.974				0.123	
Satd. Flow (perm)	1700	0	5075	0	229	5085
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)	41		3			
Link Speed (mph)	30		30			30
Link Distance (ft)	369		2370			232
Travel Time (s)	8.4		53.9			5.3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	47	41	1526	17	10	1564
Shared Lane Traffic (%)						
Lane Group Flow (vph)	88	0	1543	0	10	1564
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	12		24			24
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Number of Detectors	1		2		1	2
Detector Template	Left		Thru		Left	Thru
Leading Detector (ft)	20		100		20	100
Trailing Detector (ft)	0		0		0	0
Detector 1 Position(ft)	0		0		0	0
Detector 1 Size(ft)	20		6		20	6
Detector 1 Type	Cl+Ex		Cl+Ex		Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0		0.0	0.0
Detector 1 Queue (s)	0.0		0.0		0.0	0.0
Detector 1 Delay (s)	0.0		0.0		0.0	0.0
Detector 2 Position(ft)			94			94
Detector 2 Size(ft)			6			6
Detector 2 Type			Cl+Ex			Cl+Ex
Detector 2 Channel						
Detector 2 Extend (s)			0.0			0.0
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	8		2		1	6
Permitted Phases					6	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Detector Phase	8		2		1	6
Switch Phase						
Minimum Initial (s)	5.0		5.0		5.0	5.0
Minimum Split (s)	22.5		22.5		9.5	22.5
Total Split (s)	27.0		61.0		12.0	73.0
Total Split (%)	27.0%		61.0%		12.0%	73.0%
Maximum Green (s)	22.5		56.5		7.5	68.5
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	1.0		1.0		1.0	1.0
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.5		4.5		4.5	4.5
Lead/Lag			Lag		Lead	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0		3.0	3.0
Recall Mode	None		Min		None	Min
Walk Time (s)	7.0		7.0			7.0
Flash Dont Walk (s)	11.0		11.0			11.0
Pedestrian Calls (#/hr)	0		0			0
Act Effct Green (s)	7.8		42.3		42.4	43.9
Actuated g/C Ratio	0.14		0.75		0.75	0.78
v/c Ratio	0.33		0.41		0.03	0.40
Control Delay	19.6		4.8		2.8	3.5
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	19.6		4.8		2.8	3.5
LOS	B		A		A	A
Approach Delay	19.6		4.8			3.5
Approach LOS	B		A			A

Intersection Summary

Area Type: Other
Cycle Length: 100
Actuated Cycle Length: 56.6
Natural Cycle: 60
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.41
Intersection Signal Delay: 4.6 Intersection LOS: A
Intersection Capacity Utilization 40.0% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 3: Rosemead Blvd & Project Dwy



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	28	24	1627	53	30	1694
Future Volume (vph)	28	24	1627	53	30	1694
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0		0	80	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	0.91	0.91	1.00	0.91
Frt	0.937		0.995			
Flt Protected	0.974				0.950	
Satd. Flow (prot)	1700	0	5060	0	1770	5085
Flt Permitted	0.974				0.094	
Satd. Flow (perm)	1700	0	5060	0	175	5085
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)	26		8			
Link Speed (mph)	30		30			30
Link Distance (ft)	369		2370			232
Travel Time (s)	8.4		53.9			5.3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	30	26	1768	58	33	1841
Shared Lane Traffic (%)						
Lane Group Flow (vph)	56	0	1826	0	33	1841
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	12		24			24
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Number of Detectors	1		2		1	2
Detector Template	Left		Thru		Left	Thru
Leading Detector (ft)	20		100		20	100
Trailing Detector (ft)	0		0		0	0
Detector 1 Position(ft)	0		0		0	0
Detector 1 Size(ft)	20		6		20	6
Detector 1 Type	Cl+Ex		Cl+Ex		Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0		0.0	0.0
Detector 1 Queue (s)	0.0		0.0		0.0	0.0
Detector 1 Delay (s)	0.0		0.0		0.0	0.0
Detector 2 Position(ft)			94			94
Detector 2 Size(ft)			6			6
Detector 2 Type			Cl+Ex			Cl+Ex
Detector 2 Channel						
Detector 2 Extend (s)			0.0			0.0
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	8		2		1	6
Permitted Phases					6	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Detector Phase	8		2		1	6
Switch Phase						
Minimum Initial (s)	5.0		5.0		5.0	5.0
Minimum Split (s)	22.5		22.5		9.5	22.5
Total Split (s)	24.0		64.0		12.0	76.0
Total Split (%)	24.0%		64.0%		12.0%	76.0%
Maximum Green (s)	19.5		59.5		7.5	71.5
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	1.0		1.0		1.0	1.0
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.5		4.5		4.5	4.5
Lead/Lag			Lag		Lead	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0		3.0	3.0
Recall Mode	None		Max		None	Max
Walk Time (s)	7.0		7.0			7.0
Flash Dont Walk (s)	11.0		11.0			11.0
Pedestrian Calls (#/hr)	0		0			0
Act Effct Green (s)	7.4		73.9		79.4	80.4
Actuated g/C Ratio	0.08		0.79		0.85	0.86
v/c Ratio	0.36		0.46		0.13	0.42
Control Delay	30.9		5.3		2.9	2.4
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	30.9		5.3		2.9	2.4
LOS	C		A		A	A
Approach Delay	30.9		5.3			2.5
Approach LOS	C		A			A

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 93.8	
Natural Cycle: 60	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.46	
Intersection Signal Delay: 4.3	Intersection LOS: A
Intersection Capacity Utilization 44.4%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 3: Rosemead Blvd & Project Dwy



Intersection	
Int Delay, s/veh	3.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	43	38	1420	16	9	1459
Future Vol, veh/h	43	38	1420	16	9	1459
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	80	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	47	41	1543	17	10	1586

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2206	780	0	0	1560	0
Stage 1	1552	-	-	-	-	-
Stage 2	654	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	72	290	-	-	208	-
Stage 1	110	-	-	-	-	-
Stage 2	436	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	69	290	-	-	208	-
Mov Cap-2 Maneuver	69	-	-	-	-	-
Stage 1	110	-	-	-	-	-
Stage 2	415	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	117.3	0	0.1
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	107	208	-
HCM Lane V/C Ratio	-	-	0.823	0.047	-
HCM Control Delay (s)	-	-	117.3	23.2	-
HCM Lane LOS	-	-	F	C	-
HCM 95th %tile Q(veh)	-	-	4.7	0.1	-

Intersection	
Int Delay, s/veh	4.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	28	24	1669	53	30	1731
Future Vol, veh/h	28	24	1669	53	30	1731
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	80	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	30	26	1814	58	33	1882

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2662	936	0	0	1872	0
Stage 1	1843	-	-	-	-	-
Stage 2	819	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	41	229	-	-	145	-
Stage 1	72	-	-	-	-	-
Stage 2	357	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	32	229	-	-	145	-
Mov Cap-2 Maneuver	32	-	-	-	-	-
Stage 1	72	-	-	-	-	-
Stage 2	276	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	269	0	0.6
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	53	145	-
HCM Lane V/C Ratio	-	-	1.066	0.225	-
HCM Control Delay (s)	-	-	269	36.9	-
HCM Lane LOS	-	-	F	E	-
HCM 95th %tile Q(veh)	-	-	4.8	0.8	-

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	43	38	1420	16	9	1459
Future Volume (vph)	43	38	1420	16	9	1459
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0		0	80	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	0.91	0.91	1.00	0.91
Frt	0.937		0.998			
Flt Protected	0.974				0.950	
Satd. Flow (prot)	1700	0	5075	0	1770	5085
Flt Permitted	0.974				0.121	
Satd. Flow (perm)	1700	0	5075	0	225	5085
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)	41		3			
Link Speed (mph)	30		30			30
Link Distance (ft)	369		2370			232
Travel Time (s)	8.4		53.9			5.3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	47	41	1543	17	10	1586
Shared Lane Traffic (%)						
Lane Group Flow (vph)	88	0	1560	0	10	1586
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	12		24			24
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Number of Detectors	1		2		1	2
Detector Template	Left		Thru		Left	Thru
Leading Detector (ft)	20		100		20	100
Trailing Detector (ft)	0		0		0	0
Detector 1 Position(ft)	0		0		0	0
Detector 1 Size(ft)	20		6		20	6
Detector 1 Type	Cl+Ex		Cl+Ex		Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0		0.0	0.0
Detector 1 Queue (s)	0.0		0.0		0.0	0.0
Detector 1 Delay (s)	0.0		0.0		0.0	0.0
Detector 2 Position(ft)			94			94
Detector 2 Size(ft)			6			6
Detector 2 Type			Cl+Ex			Cl+Ex
Detector 2 Channel						
Detector 2 Extend (s)			0.0			0.0
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	8		2		1	6
Permitted Phases					6	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Detector Phase	8		2		1	6
Switch Phase						
Minimum Initial (s)	5.0		5.0		5.0	5.0
Minimum Split (s)	22.5		22.5		9.5	22.5
Total Split (s)	27.0		61.0		12.0	73.0
Total Split (%)	27.0%		61.0%		12.0%	73.0%
Maximum Green (s)	22.5		56.5		7.5	68.5
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	1.0		1.0		1.0	1.0
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.5		4.5		4.5	4.5
Lead/Lag			Lag		Lead	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0		3.0	3.0
Recall Mode	None		Min		None	Min
Walk Time (s)	7.0		7.0			7.0
Flash Dont Walk (s)	11.0		11.0			11.0
Pedestrian Calls (#/hr)	0		0			0
Act Effct Green (s)	7.8		42.9		43.0	44.4
Actuated g/C Ratio	0.14		0.75		0.75	0.78
v/c Ratio	0.33		0.41		0.03	0.40
Control Delay	19.8		4.8		2.8	3.5
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	19.8		4.8		2.8	3.5
LOS	B		A		A	A
Approach Delay	19.8		4.8			3.5
Approach LOS	B		A			A

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 57.2	
Natural Cycle: 60	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.41	
Intersection Signal Delay: 4.6	Intersection LOS: A
Intersection Capacity Utilization 40.4%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 3: Rosemead Blvd & Project Dwy



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	28	24	1669	53	30	1731
Future Volume (vph)	28	24	1669	53	30	1731
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0		0	80	
Storage Lanes	1	0		0	1	
Taper Length (ft)	25				25	
Lane Util. Factor	1.00	1.00	0.91	0.91	1.00	0.91
Frt	0.937		0.995			
Flt Protected	0.974				0.950	
Satd. Flow (prot)	1700	0	5060	0	1770	5085
Flt Permitted	0.974				0.089	
Satd. Flow (perm)	1700	0	5060	0	166	5085
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)	26		8			
Link Speed (mph)	30		30			30
Link Distance (ft)	369		2370			232
Travel Time (s)	8.4		53.9			5.3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	30	26	1814	58	33	1882
Shared Lane Traffic (%)						
Lane Group Flow (vph)	56	0	1872	0	33	1882
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	12		24			24
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Number of Detectors	1		2		1	2
Detector Template	Left		Thru		Left	Thru
Leading Detector (ft)	20		100		20	100
Trailing Detector (ft)	0		0		0	0
Detector 1 Position(ft)	0		0		0	0
Detector 1 Size(ft)	20		6		20	6
Detector 1 Type	Cl+Ex		Cl+Ex		Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0		0.0	0.0
Detector 1 Queue (s)	0.0		0.0		0.0	0.0
Detector 1 Delay (s)	0.0		0.0		0.0	0.0
Detector 2 Position(ft)			94			94
Detector 2 Size(ft)			6			6
Detector 2 Type			Cl+Ex			Cl+Ex
Detector 2 Channel						
Detector 2 Extend (s)			0.0			0.0
Turn Type	Prot		NA		pm+pt	NA
Protected Phases	8		2		1	6
Permitted Phases					6	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Detector Phase	8		2		1	6
Switch Phase						
Minimum Initial (s)	5.0		5.0		5.0	5.0
Minimum Split (s)	22.5		22.5		9.5	22.5
Total Split (s)	24.0		64.0		12.0	76.0
Total Split (%)	24.0%		64.0%		12.0%	76.0%
Maximum Green (s)	19.5		59.5		7.5	71.5
Yellow Time (s)	3.5		3.5		3.5	3.5
All-Red Time (s)	1.0		1.0		1.0	1.0
Lost Time Adjust (s)	0.0		0.0		0.0	0.0
Total Lost Time (s)	4.5		4.5		4.5	4.5
Lead/Lag			Lag		Lead	
Lead-Lag Optimize?			Yes		Yes	
Vehicle Extension (s)	3.0		3.0		3.0	3.0
Recall Mode	None		Max		None	Max
Walk Time (s)	7.0		7.0			7.0
Flash Dont Walk (s)	11.0		11.0			11.0
Pedestrian Calls (#/hr)	0		0			0
Act Effct Green (s)	7.4		73.9		79.4	80.4
Actuated g/C Ratio	0.08		0.79		0.85	0.86
v/c Ratio	0.36		0.47		0.14	0.43
Control Delay	30.9		5.4		3.0	2.5
Queue Delay	0.0		0.0		0.0	0.0
Total Delay	30.9		5.4		3.0	2.5
LOS	C		A		A	A
Approach Delay	30.9		5.4			2.5
Approach LOS	C		A			A

Intersection Summary	
Area Type: Other	
Cycle Length: 100	
Actuated Cycle Length: 93.8	
Natural Cycle: 60	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.47	
Intersection Signal Delay: 4.3	Intersection LOS: A
Intersection Capacity Utilization 45.1%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 3: Rosemead Blvd & Project Dwy



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1700 Carnegie Avenue, Suite 100
Santa Ana, CA 92705

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Appendix D-b Vehicle Miles Traveled Evaluation

Appendix

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1700 Carnegie Avenue, Suite 100
Santa Ana, CA 92705

MEMORANDUM

To:	JoAnn Hadfield Placeworks 3 MacArthur Pl # 1100, Santa Ana, CA 92707	**From:**	Sean Daly, AICP, PTP Iteris, Inc. 1700 Carnegie Avenue, Suite 100 Santa Ana, CA 92705
Date:	June 11, 2021		
RE:	**2540 Rosemead Boulevard - San Gabriel Valley Council of Governments Vehicle Miles Traveled Evaluation Tool Report**		

CEQA analysis for determining potential significant transportation impacts from vehicle traffic transitioned from an automobile delay or capacity measure to a Vehicle Miles Traveled (VMT) of automobiles and light trucks metric in July 2020, as required by Senate Bill (SB) 743. VMT is an area-wide performance measure which helps compare the overall performance of a project or project alternatives and is also used as a metric to ultimately assess the transportation environmental impacts of a project. VMT analysis shifts the focus towards impacts caused by the distance traveled by vehicles rather than the localized congestion created by vehicles (i.e., intersection-level delay). VMT is generally calculated using a travel demand model that captures the movement of all trips over a highway network. Analysis is limited to automobile travel (automobiles and light-trucks) and excludes heavy trucks.

The City of South El Monte prepared City of South El Monte Transportation Study Guidelines for Vehicle Miles Traveled and Level of Service Assessment (October 2020) that provide technical guidance regarding assessment of VMT, thresholds of significance, and mitigation measures for land development and transportation projects in the unincorporated area.

The Project would add housing in a predominately commercial and industrial area that is well-served by public transportation, thereby diversifying the land use types and contributing to a reduction in vehicle miles traveled per capita.

The Project was analyzed using the San Gabriel Valley Council of Governments Vehicle Miles Traveled Evaluation Tool for the three Project parcels (APNs: 8102-037-020, 8102-037-022, 8102-037-024) in traffic analysis zone (TAZ) 22195100. The Project is not located in a Transit Priority Area and would have a project generated VMT rate of 12.67 home-based VMT per capita. When compared to the City VMT baseline value of 15.75 home-based VMT per capita and the 15 percent below baseline significance value of 13.39, the proposed Project is presumed to have a less than significant impact.

Finding: Low VMT Screening Analysis: Yes (Pass)

SGVCOG VMT Evaluation Tool Report

Project Details

Timestamp of Analysis: February 17, 2021, 03:09:04 PM

Project Name: Residential

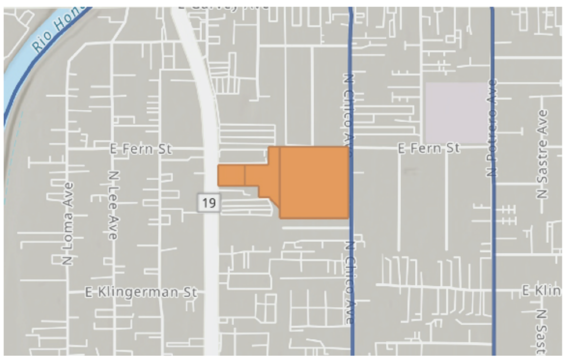
Project Description: 207 Residential Units

Project Location

Jurisdiction:
South El Monte

Inside a TPA?
No (Fail)

APN	TAZ
8102-037-020	22195100
8102-037-022	22195100
8102-037-024	22195100



Analysis Details

Data Version: SCAG Regional Travel Demand Model 2016 RTP Base Year 2012

Analysis Methodology: TAZ

Baseline Year: 2021

Project Land Use

Residential:

Single Family DU:	169
Multifamily DU:	38
Total DUs:	207

Non-Residential:

Office KSF:

Local Serving Retail KSF:

Industrial KSF:

Residential Affordability (percent of all units):

Extremely Low Income:	0 %
Very Low Income:	0 %
Low Income:	0 %

Parking:

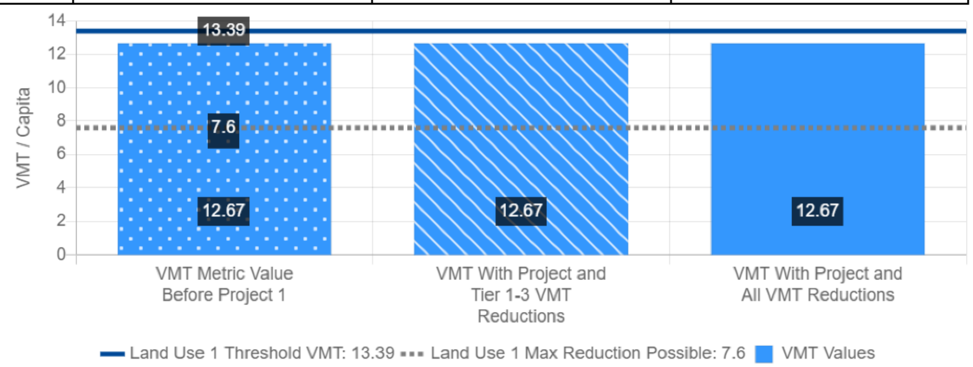
Motor Vehicle Parking:

Bicycle Parking:

Residential Vehicle Miles Traveled (VMT) Screening Results

Land Use Type 1:	Residential
VMT Without Project 1:	Home-based VMT per Capita
VMT Baseline Description 1:	SGVCOG Average
VMT Baseline Value 1:	15.75
VMT Threshold Description 1:	-15%
Land Use 1 has been Pre-Screened by the Local Jurisdiction:	N/A

	Without Project	With Project & Tier 1-3 VMT Reductions	With Project & All VMT Reductions
Project Generated Vehicle Miles Traveled (VMT) Rate	12.67	12.67	12.67
Low VMT Screening Analysis	Yes (Pass)	Yes (Pass)	Yes (Pass)



Appendix E Geotechnical Investigation

Appendix

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September 1, 2020 RMA Project Number 20G-0418-0

KB Home
25152 Springfield Ct., Suite 180
Valencia, CA 91355

Attention: Mr. David Lelie

Subject: Geotechnical Investigation
Solemo 13 Acres
2540 Rosemead Boulevard
South El Monte, CA

Dear Mr. Lelie:

In accordance with your request, a geotechnical investigation has been completed for the proposed development at the above referenced property. The results of the investigation are presented in the accompanying report, which includes a description of site conditions, results of our field exploration and testing, laboratory testing, conclusions, and recommendations. This report has been prepared for specific application to this project, in accordance with generally accepted geotechnical engineering practice.

We appreciate this opportunity to be of service to you. If you have any questions regarding this report, please do not hesitate to contact us at your convenience.

Respectfully submitted,

RMA GeoScience

REGISTERED PROFESSIONAL ENGINEER
HAIYAN HARRY LIU
C81463
Exp. 9/30/2021
CIVIL
STATE OF CALIFORNIA

Haiyan Liu, PE
Project Engineer
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Mark Swiatek
President

Distribution: (1) Addressee

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GEOTECHNICAL INVESTIGATION
SOLEMO 13 ACRES
2540 ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA

For

KB Home
25152 Springfield Ct., Suite 180
Valencia, CA 91355

September 1, 2020

Project No. 20G-0418-0

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Table of Contents

APPENDICES

PLATES

1.00 INTRODUCTION

1.01 Purpose

The purpose of the investigation was to summarize geotechnical and geologic conditions at the site and to assess their potential impact on the proposed development.

1.02 Scope of the Investigation

The general scope of this geotechnical investigation included the following:

- Review of published and unpublished geologic, seismic, groundwater, and geotechnical literature
- Examination of aerial photographs and topographic maps
- Review of State of California Alquist-Priolo Earthquake Fault Zone and Seismic Hazard maps
- Contacting of Underground Service Alert (USA) to locate onsite utility lines
- Logging, sampling, and backfilling of seven (7) hollow stem auger boring (9 inches diameter) to maximum depths of 50 feet and logging of nine (9) test pits dug with a backhoe to a maximum depth of 17 feet
- Conducting CPT's at three (3) locations to a maximum depth of 67 feet.
- Laboratory testing of representative soil samples
- Geotechnical evaluation of the compiled data
- provide a preliminary or narrow range estimate of the expected infiltration rate
- Preparation of this report presenting our findings, conclusions, and recommendations

Our scope of work did not include a preliminary site assessment for the potential of hazardous materials onsite.

1.03 Site Location and Description

The KB Home site is located at Rosemead Boulevard, in El Monte, California within a residential and commercial area. The 17 acre plus property includes Assessor Parcel Numbers 8102-037-020, 8102-037-021, 8102-037-001, 8102-035-017, 8102-029-025, 8102-029-007, 8102-029-006, 8102-029-005, 8102-029-026, 8102-029-019, & 8102-029-020. The site currently serves as a swap meet and drive in theatre. The site is bounded on the south by commercial buildings, on the north by commercial and residential buildings, on the east by Chico Avenue and on the west by Rosemead Boulevard (Site Vicinity Map, Figure 1). There is approximately 12 feet of relief across the site which gently slopes from east to west towards Rosemead Boulevard. The ground surface has been modified by past grading activities. Structures on the site consist of several drive-in associated buildings including two concession stands and a maintenance building. Paved parking areas surround much of the buildings.

The site coordinates are 34.0583 North and -118.0614 West. .

1.04 Site History

Based on review of aerial photographs and other information readily available online the site appears to have been a mix of vacant land and agricultural land from as far back as 1927 up until the 1950s when the site was paved over and developed for its present day use.

1.05 Planned Development

Formal plans for this site have not been drafted but it is presumed that the site will be developed for residential use.

1.06 Investigation Methods

Our investigation consisted of office research, field exploration, laboratory testing, review and analysis of the compiled data, and preparation of this report. It has been performed in a manner consistent with generally accepted engineering and geologic principles and practices, and has incorporated applicable requirements of California Buildings Code. Definitions of technical terms and symbols used in this report include those of the ASTM International, the California Building Code, and commonly used geologic nomenclature.

Technical supporting data are presented in the attached appendices. Appendix A presents a description of the methods and equipment used in performing the field exploration and logs of our subsurface exploration. Appendix B presents a description of our laboratory testing and the test results. General Earthwork and Grading Specifications are presented in Appendix C. The CPT data collected are presented in graphical format (Appendix D). Appendix E presents our engineering analysis. References are presented in Appendix F.

2.00 FINDINGS

2.01 Geologic Setting

The site lies at the southeastern end of the San Gabriel Valley the southern boundary of which is marked by the Puente and Montebello Hills. The valley is an east-west trending structural basin that has accumulated a thick sequence of Holocene- to Pleistocene-age alluvial sediments. The site is situated on a broad alluvial fan emanating from the San Gabriel Mountains to the north. The fan in the area of the site has been dissected by the ancestral San Gabriel Wash to the east and the Rio Hondo Wash at the west.

The earth materials that underlie the site consist of interbedded silt, clay and sand and gravel. Asphalt paving covers most of the site. A full description of the earth materials encountered within each borehole is included on the boring logs, Appendix A.

2.02 Earth Materials

<u>Asphalt and Base</u>

Asphalt and base conditions varied widely across all seven borings and ten test pits. Asphalt paving of up to 2 inches thick overlying up to 2 inches thick base where encountered. In several test pits, two generations of asphalt and concrete where discovered.

Artificial Fill (af)

Artificial fill is at a maximum of 5 feet thick as observed in the boring excavations and is composed of moderate orange brown fine silty sand with clay. It is slightly micaceous, slightly moist and medium dense.

Alluvium Deposits (Q_a)

Quaternary aged alluvial deposits are underlying artificial fill material. This unit consists of light orange brown to whitish grey, interbedded silty sand, sand, clayey sand and clay with sand. The sand was micaceous and ranged from course to fine. The sandy units were in a medium dense to dense condition. The soils were slightly moist with moist conditions occurring in the sand layers at the contact with the finer grained materials. Layers of course to fine gravels were encountered in some samples generally below 17 feet.

2.03 Expansive Soils

Based on our preliminary observations and laboratory data, the soils at shallow depths are expected to have an expansion index in the very low range. Additional expansion index and plasticity index testing will be required at the completion of rough grading to verify the properties of the near surface soils.

2.04 Surface and Groundwater Conditions

Groundwater was not encountered in the boring excavated to a maximum depth of 50 feet. Groundwater was encountered in CTP-1 at a depth of approximately 53 feet below the existing ground. Surface water on the site is limited to precipitation falling directly around the buildings on the site. Depth to groundwater in a monitoring well (Well ID: 2944F) located approximately 0.3 miles to the southeast of the site as measured in May 2020 was 47.68 feet. There was no surface water encountered at the time of our investigation. Depth to historic high groundwater is approximately 5 feet below existing grade according to the Seismic Hazard Zone Report for the El Monte Quadrangle (CDMG, 1998).

2.05 Faults

The proposed site is not located within an Alquist-Priolo Earthquake Fault Zone, and there are no known active faults on or immediately adjacent to the property. However, there are faults in close enough proximity to the site to cause moderate to intense ground shaking during the lifetime of the proposed development. Additionally, the site has experienced earthquake-induced ground shaking in the past and can be expected to experience further shaking in the future. The closest zoned fault is the East Montebello fault zone, located approximately 1.35 miles to the southwest of the subject site.

2.06 Landslides

According to the California Geological Survey Seismic Hazard Zones Map of the El Monte Quadrangle (2017) the site does not lie in a landslide hazard zone. Since the site is relatively flat earthquake-induced landsliding does not appear to be a hazard to proposed development.

2.07 Liquefaction

According to the State of California Seismic Hazard Zones Map of the El Monte Quadrangle, the site lies within a "Zone of Required Investigation for Liquefaction". Therefore, a liquefaction screening evaluation has been performed in accordance with California Geological Survey Special Publication SP-117A (2008), "Guidelines for Evaluating and Mitigating Seismic Hazards in California". The findings of our liquefaction screening evaluation are presented in section 3.04 of this report.

2.08 Historic Seismicity

The region of the subject site has experienced shaking from several earthquakes recorded back to 1812. The nearest large historic earthquake is the Raymond fault that occurred in 1855, the epicenter of which is 3.6 miles from the site. Historic earthquakes with magnitudes of greater than or equal to 6.0 and have been epicentered within approximately 50 miles of the site, are summarized in the table below.

Large Historic Earthquakes

Event	LAT. NORTH	LONG. WEST	DATE	Quake Mag.	APPROX. DISTANCE mi
Raymond	34.100	118.100	7/11/1855	6.3	3.60
Northridge	34.2130	118.5370	01/17/1994	6.7	29.2
Long Beach	33.6170	117.967	3/11/1933	6.3	30.9
	34.4110	118.4010	02/09/1971	6.4	31.1
	34.3	117.6	07/30/1894	6.0	31.2
Wrightwood	34.3	117.65	12/08/1812	7.0	31.9
	34.0	117.5	12/16/1858	7.0	32.4
	34.3	118.6	04/04/1893	6.0	35.0
	34.3	117.50	07/22/1899	6.50	36.1
	33.7	117.4	05/15/1910	6.0	45.3
	34.0	117.25	07/23/1923	6.25	46.6

3.00 CONCLUSIONS AND RECOMMENDATIONS

3.01 General Conclusion

Based on the data collected thus far the project appears feasible from a geotechnical standpoint. Our preliminary recommendations provided below are based on the data collected thus far and our understanding of the project and our general experience in engineering geology and geotechnical engineering.

3.02 Soil Site Class Determination

Seismic Cone Penetration Tests (SCPT) were performed at CPT-1 location by Gregg Drilling, LLC. Refusal was encountered at a depth of 67.1 feet below existing ground. We have used the shear wave velocity at 67.1 feet for the depths from 67.1 feet to 100 feet to calculate the average shear wave velocity to a depth of 100 feet.

The test results from SCPT are presented in the following table.

Top Layer, ft.	Bottom Layer, ft.	Shear Wave Velocity, ft./sec.
4.4	9.3	563.9
9.3	14.4	649.5
14.4	19.4	851.6
19.4	24.3	824.7
24.3	29.4	922.8
29.4	34.4	812.5
34.4	39.4	826.3
39.4	44.5	846.9
44.5	49.4	793.2
49.4	54.5	753
54.5	59.4	983.8
59.4	64.6	1116.5
64.6	67.1	1405.6
67.1	100	1405.6

The calculated average shear wave velocity was 1022 feet per second (ft./sec.) by using Equation 20.1-1 of 2019 CBC. Thus, the soil site class was determined to be Site Class D (stiff soil) per Table 20.3-1 of 2019 CBC.

3.03 Seismic Design Parameters

Mapped Spectral Accelerations were obtained by using the online ATC Calculator (ASCE 7-16 Standard) and a site class D was used for the project site based on the seismic shear wave velocity profile obtained from SCPT. Since the mapped risk-targeted maximum considered earth quake (MCE_R) spectral response acceleration parameter at a period of 1 second (S_1) is greater than 0.2, a ground motion hazard analysis is required per ACSE/SEI 7-16 to be performed in accordance with Section 21.2 for structures on Site Class D. However, instead of performing the ground motion hazard analysis, a long period coefficient (F_V) of 1.7 was used for calculation of S_{M1} and S_{D1}. The parameters generated for the subject site are presented in the following table:

2019 California Building Code (CBC) Seismic Parameters

Parameter	Value
Site Location	Latitude = 34.0583 degrees Longitude = -118.0614 degrees
Site Class	Site Class = D
Mapped Spectral Accelerations	S_s (0.2- second period) = 1.902g S_1 (1-second period) = 0.685g
Site Coefficients (Site Class D)	F_a = 1.0 F_v = 1.7
Maximum Considered Earthquake Spectral Accelerations (Site Class D)	S_{MS} (0.2- second period) = 1.902g S_{M1} (1-second period) = 1.165g
Design Earthquake Spectral Accelerations (Site Class D)	S_{DS} (0.2- second period) = 1.268g S_{D1} (1-second period) = 0.776g

For Risk Category II structures with mapped spectral response acceleration parameter at 1-s period (S_1) is less than 0.75, the Seismic Design Category is D (ASCE 7-16 Section 11.6).
Peak earthquake ground acceleration adjusted for site class effects (PGAM) has been determined in accordance with ASCE 7-10 Section 11.8.3 as follows: $PGA_M = F_{PGA} \times PGA = 1.1 \times 0.82g = 0.902g$.

3.04 Liquefaction and Secondary Earthquake Hazards

Potential secondary seismic hazards that can affect land development projects include liquefaction, tsunamis, seiches, seismically induced settlement, seismically induced flooding and seismically induced landsliding.

Liquefaction

Liquefaction hazard potential for the site is discussed in Section 2.07 and Section 3.04 of this report.

Tsunamis and Seiches

Tsunamis are sea waves that are generated in response to large-magnitude earthquakes. When these waves reach shorelines, they sometimes produce coastal flooding. Seiches are the oscillation of large bodies of standing water, such as lakes, that can occur in response to ground shaking. Tsunamis and seiches do not pose hazards due to the inland location of the site and lack of nearby bodies of standing water.

Seismically Induced Settlement

Seismically induced settlement occurs most frequently in areas underlain by loose, granular sediments. Damage as a result of seismically induced settlement is most dramatic when differential settlement occurs in areas with large variations in the thickness of underlying sediments. Settlement caused by ground shaking is often non-uniformly distributed, which can result in differential settlement.

A seismic settlement analysis was performed using LiquefyPro Version 5 (2015 Edition) for this project. A summary of the input data and the results of the seismic settlement analysis are provided in Appendix E.

Seismically Induced Flooding

According to Federal Emergency Management Agency (Flood Insurance Rate Map #06037C1670F and #06037C1665F, Effective date 9/26/2008), the site is located in an area of Flood Zone X, which is an area where the likelihood of flood hazards is considered minimal. In addition there are no water reservoirs in the vicinity of the site. Based on the aforementioned the potential for seismic induced flooding is unlikely.

Seismically Induced Landsliding

According to the California Geological Survey Seismic Hazard Zones Map of the El Monte Quadrangle (2017) the site does not lie in a landslide hazard zone. Since the site is relatively flat earthquake-induced landsliding does not appear to be a hazard to proposed development.

3.05 Liquefaction Screening Evaluation Results

Liquefaction describes a phenomenon where cyclic stresses, which are produced by earthquake-induced ground motions, create excess pore pressures in cohesionless soils. As a result, the soils may acquire a high degree of mobility, which can lead to lateral spreading, consolidation and settlement of loose sediments, ground oscillation, flow failure, loss of bearing strength, ground fissuring, sand boils, and other damaging deformations. This phenomenon occurs only below the water table, but after liquefaction has developed, it can propagate upward into overlying, non-saturated soil as excess pore water escapes. Descriptions of each of the phenomena associated with liquefaction are described below:

Research has shown that saturated, loose sands with a silt content less than about 25 percent are most susceptible to liquefaction, whereas other soil types are generally considered to have a low susceptibility. According to the California Geological Survey (CGS) Special Publication SP-117A (2008), "Guidelines for Evaluating and Mitigating Seismic Hazards in California," any materials with a PI > 12 and moisture content < 85% of the liquid limit were considered not subject to liquefaction. Liquefaction susceptibility is related to numerous factors, and the following conditions must exist for liquefaction to occur:

- Sediments must be relatively young in age and must not have developed large amounts of cementation
- Sediments must consist mainly of cohesionless sands and silts
- The sediment must not have a high relative density
- Free groundwater must exist in the sediment; and
- The site must be exposed to seismic events of a magnitude large enough to induce straining of soil particles

Static groundwater was not encountered in either borings drilled to a maximum depth of 50 feet. The groundwater was encountered in CPT-1 at a depth of approximately 53 feet below ground elevation. However, according to the California Division of Mines and Geology Seismic Hazard Zone Report for the El Monte Quadrangle (CDMG, 1998), the historical high groundwater table is approximately 5 feet below grade. Therefore, RMA GeoScience considered the potential for groundwater to be at this depth below existing grade in the liquefaction screening evaluation.

For the PGA corresponding to two-thirds of the PGA_M and predominant earthquake magnitude corresponding to a 10% probability of exceedance in 50 years, potential seismic-induced settlements were determined when the safety factor was less than 1.1. Liquefaction potentials were evaluated by using computer programs LiquefyPro Version 5 for Boring B-3 and B-6 and CPT-1 to CPT-3 and the results are presented in Appendix E. The seismic settlements from Boring B-3 and B-6 and CPT-1 to CPT-3 are presented in the following table.

Boring/CPT Locations	Seismic-Induced Settlements, inch
Boring No. 3	2.47
Boring No. 6	3.23
CPT-1	1.99
CPT-2	1.01
CPT-3	2.10

3.06 Total and Differential Settlement

The above seismically induced settlements should be combined with the anticipated total static settlement in order to obtain an estimate of the amount of differential settlement that may affect the site. The maximum total static settlement is not expected to exceed ½ inch under the recommended bearing pressure.

We assume the seismic differential settlement is half of the total seismic settlement and static differential settlement is half of the total static settlement. In considering all liquefaction analysis results, we recommend total settlement (static and seismic) is expected to be less than 3 inches with differential settlement (static and seismic) of less than 1½ inches in a 40 feet span.

3.07 Removals and Overexcavation

Upon demolition and removal of all existing site improvements, all vegetation, organic rich soil (soils containing more that 2 percent organics by weight), trash and debris should be cleared from the grading area and removed from the site. After the removal of deleterious materials, stripping of organic-rich soils, and removal of tree roots, the following removals and over-excavation must be done within the area of the limits of grading:

- All artificial fill soil should be removed within the limits of grading. The fill soil may be used for engineered fill provided it is free of trash and organic material. Within the building areas, removals are recommended to a minimum of seven (7) feet below existing grade or five (5) feet below the bottom of planned footings, whichever is greater.
- Within the area of planned streets and all other areas where grading is planned, all artificial fill must be completely removed and the subgrade must be over-excavated at least 12 inches below the stripped surface or the finished subgrade surface, whichever is lower.

Following the over-excavation indicated above, a designated representative for the Project Geotechnical Engineer must review the exposed ground surface and determine if any additional over-excavation is required. The over-excavated ground surface in all areas determined to be satisfactory for the support of fills must be scarified to a minimum depth of 6 inches. Scarification should continue until the soils are broken down and free from lumps or clods and until the scarified zone is uniform. The moisture content of the scarified zone shall be adjusted to within 2% of the optimum moisture content. The scarified zone must then be uniformly compacted to at least 90% relative compaction

The above recommendations are based on the assumption that soils encountered during field exploration are representative of soils throughout the site. However, there can be unforeseen and unanticipated variations in soils between points of subsurface exploration. Hence, overexcavation depths must be verified, and adjusted if necessary, at the time of grading.

3.08 General Earthwork and Grading

All grading should be performed in accordance with the General Earthwork and Grading Specifications outlined in Appendix C, unless specifically revised or amended below. Recommendations contained in Appendix C are general specifications for typical grading projects and may not be entirely applicable to this project.

It is also recommended that all earthwork and grading be performed in accordance with the requirements of the lead agency.

3.09 Earthwork Shrinkage and Subsidence

The site is not located within a zone of land subsidence according to the United States Geological Survey California Water Science Center website. It is our opinion that the potential for land subsidence due to over pumping of groundwater or oil extraction is low.

Shrinkage is the decrease in volume of soil upon removal and recompaction expressed as a percentage of the original in-place volume. Subsidence occurs as natural ground is densified to receive fill. These factors account for changes in earth volumes that will occur during grading. Our estimates are as follows:

- Shrinkage factor = 5% to 15% for soil removed and replaced as compacted fill.
- Subsidence factor = 0.1 foot.

The degree to which fill soils are compacted and variations in the in-situ density of existing soils will influence earth volume changes. Consequently, some adjustments in grades near the completion of grading could be required to balance the earthwork.

3.10 Foundation

The expansion index results of the on-site soils had very low expansion potential. However, considering the total and differential settlements from static and seismic conditions, the site may be considered suitable for the support of the anticipated structures using post-tension foundation systems. The post-tension foundations should be designed for a differential settlement of 1½ inches in a 40 feet span and we recommend an effective Plasticity Index (PI) value of 15 for design. The allowable soil bearing values and foundation parameters are summarized in the following table.

Number of Stories	Expansion Index	Footing Width, inch	Depth Below Natural Surface of Ground and Finish Grade		Allowing Soil Bearing Values (psf)
			Perimeter Footings, inch	Interior Footings, inch	
1	Very Low to Low	12	15	12	1,500
2	Very Low to Low	15	18	18	2,000
3	Very Low to Low	18	24	24	2,500

Those allowable bearing values may be increased by 20% for additional foot of width and/or depth to a maximum value of 3,000 psf. The bearing pressures represent an allowable net increase in soil pressure over existing soil pressure and may be increased by one-third for short-term wind or seismic loads.

All footing excavations should be observed by the geotechnical consultant to verify that they have been excavated into competent soils. The foundation excavations should be observed prior to the placement of forms, reinforcement steel, or concrete. These excavations should be evenly trimmed and level. Prior to concrete placement, any loose or soft soils should be removed. Excavated soils should not be placed in slab or footing areas unless properly compacted.

Footings may experience an overall loss in bearing capacity or an increased potential to settle where located in close proximity to existing or future utility trenches. Furthermore, stresses imposed by the footings on the utility lines may cause cracking, collapse and/or a loss of serviceability. To reduce this risk, footings should extend below a 1:1 plane projected upward from the closest bottom corner of the trench.

We recommend additional testing be performed near the completion of fine grading to verify the test results and recommended foundation design criteria.

3.11 Retaining Wall Foundations

Footings for retaining walls should be founded supported on 3 feet of compacted fill with a minimum depth of 12 inches and have a minimum width of 12 inches. Footings may be designed using the allowable bearing capacity of 1,500 psf and the same lateral resistance values recommended for building footings. However, when calculating passive resistance, the upper 6 inches of the footings should be ignored in areas where the footings will not be covered with concrete flatwork.

In view of the seismic setting, a nominal reinforcement consisting of at least two #4 bar placed within 3 inches of the top of footings and another two placed within 3 inches of the bottom of footings is recommended. Reinforcement of wide footings should be determined by the structural engineer who may also require heavier reinforcement.

3.12 Slab-On-Grade

Concrete floor slabs on grade with a minimum thickness of 4 inches are recommended for slabs on grade for the proposed structures for normal floor loading conditions. However, if heavy concentrated or moving loads are anticipated, slabs should be designed using a modulus of subgrade reaction (k) of 150 psi/in when soils are prepared in conformance with the grading recommendations contained within the report. Reinforcement of slabs on grading is not required to mitigate the expansive soils. Reinforcement may be specified by the structural engineer.

Concrete floor slabs on grade should be divided into squares or rectangles using weakened plane joints (contraction joints), each with maximum dimensions not exceeding 15 feet. Contraction joints should be made in accordance with American Concrete Institute (ACI) guidelines. If weakened plane joints are not used, then the slabs shall be reinforced with 6x6-10/10 welded wire fabric placed at mid-height of the slab.

Special care should be taken on floors slabs to be covered with thin-set tile or other inflexible coverings. These areas may be reinforced with 6x6-10/10 welded wire fabric placed at mid-height of the slab, to mitigate drying shrinkage cracks. Alternatively, inflexible flooring may be installed with unbonded fabric or liners to prevent reflection of slab cracks through the flooring.

A moisture vapor retarder/barrier is recommended beneath all slabs-on-grade that will be covered by moisture-sensitive flooring materials such as vinyl, linoleum, wood, carpet, rubber, rubber-backed carpet, tile, impermeable floor coatings, adhesives, or where moisture-sensitive equipment, products, or environments will exist. We recommend that design and construction of the vapor retarder or barrier conform to Section 1805 of the 2019 California Building Code (CBC) and pertinent sections of American Concrete Institute (ACI) guidance documents 302.1R-04, 302.2R-06 and 360R-10.

The moisture vapor retarder/barrier should consist of a minimum 10 mils thick polyethylene with a maximum perm rating of 0.3 in accordance with ASTM E 1745. Seams in the moisture vapor retarder/barrier should be

overlapped no less than 6 inches or in accordance with the manufacturer's recommendations. Joints and penetrations should be sealed with the manufacturer's recommended adhesives, pressure-sensitive tape, or both. The contractor must avoid damaging or puncturing the vapor retarder/barrier and repair any punctures with additional polyethylene properly lapped and sealed.

ACI guidelines allow for the placement of moisture vapor retarder/barriers either directly beneath floor slabs or below an intermediate granular soil layer.

Placing the moisture retarder/barrier directly beneath the floor slab will provide improved curing of the slab bottom and will eliminate potential problems caused by water being trapped in a granular fill layer. Concrete slabs poured directly on a vapor retarder/barrier can experience shrinkage cracking and curling due to differential rates of curing through the thickness of the slab. Therefore, for concrete placed directly on the vapor retarded, we recommend a maximum water cement ratio of 0.45 and the use of water-reducing admixtures to increase workability and decrease bleeding.

If granular soil is placed over the vapor retarder/barrier, we recommend that the layer be at least 2 inches thick in accordance with traditional practice in southern California. Granular fill should consist of clean fine graded materials with 10 to 30% passing the No. 100 sieve and free from clay or silt. The granular layer should be uniformly compacted and trimmed to provide the full design thickness of the proposed slab. The granular fill layer should not be left exposed to rain or other sources of water such as wet-grinding, power washing, pipe leaks or other processes, and should be dry at the time of concrete placement. Granular fill layers that become saturated should be removed and replaced prior to concrete placement.

An additional layer of sand may be placed beneath the vapor retarder/barrier at the developer's discretion to minimize the potential of the retarder/barrier being punctured by underlying soils.

3.13 Miscellaneous Concrete Flatwork

Miscellaneous concrete flatwork and walkways may be designed with a minimum thickness of 4 inches. Large slabs should be reinforced with a minimum of 6x6-10/10 welded wire mesh placed at mid-height in the slab. Control joints should be constructed to create squares or rectangles with a maximum spacing of 15 feet.

Walkways may be constructed without reinforcement. Walkways should be separated from foundations with a thick expansion joint filler. Control joints should be constructed into non-reinforced walkways at a maximum of 5 feet spacing.
The subgrade soils beneath all miscellaneous concrete flatwork should be compacted to a minimum of 95 percent relative compaction for a minimum depth of 12 inches. The geotechnical engineer should monitor the compaction of the subgrade soils and perform testing to verify that proper compaction has been obtained.

3.14 Footing Excavation and Slab Preparation

All footing excavations should be observed by the geotechnical consultant to verify that they have been excavated into competent soils. The foundation excavations should be observed prior to the placement of forms, reinforcement steel, or concrete. These excavations should be evenly trimmed and level. Prior to concrete placement, any loose or soft soils should be removed. Excavated soils should not be placed on slab or footing areas unless properly compacted.

Prior to the placement of the moisture barrier and sand, the subgrade soils underlying the slab should be observed by the geotechnical consultant to verify that all under-slab utility trenches have been properly backfilled and compacted, that no loose or soft soils are present, and that the slab subgrade has been properly compacted to a minimum of 95 percent relative compaction within the upper 12 inches.

Footings may experience and overall loss in bearing capacity or an increased potential to settle where located in close proximity to existing or future utility trenches. Furthermore, stresses imposed by the footings on the utility lines may cause cracking, collapse and/or a loss of serviceability. To reduce this risk, footings should extend below a 1:1 plane projected upward from the closest bottom of the trench.

Subgrade soils beneath slabs on grade and walkways moist prior to the placement of concrete. The geotechnical consultant should verify that the appropriate moisture content has been achieved a maximum of 24 hours prior to the placement of concrete or moisture barriers.

3.15 Lateral Load Resistance

Lateral loads may be resisted by soil friction and the passive resistance of the soil. The following parameters are recommended.

- Passive Earth Pressure = 280 pcf (equivalent fluid weight).

  We recommend neglecting passive soil resistance from the upper foot of soil unless protected by a concrete slab or pavement.

- Coefficient of Friction (soil to footing) = 0.27
- Retaining structures should be designed to resist the following lateral active earth pressures:

Surface Slope of Retained Materials (Horizontal:Vertical)	Equivalent Fluid Weight (pcf)
Level	37
5:1	39
4:1	40
3:1	43
2:1	54

  These active earth pressures are only applicable if the retained earth is allowed to strain sufficiently to achieve the active state. The required minimum horizontal strain to achieve the active state is approximately 0.0025H. Retaining structures should be designed to resist an at-rest lateral earth pressure if this horizontal strain cannot be achieved.

- At-rest Lateral Earth Pressure = 57 pcf (equivalent fluid weight)

The lateral earth pressure due to earthquake motions for the retaining walls are calculated by using $PGA=S_{DS}/2.5=0.608g$ and $\Upsilon=130$ pcf for retaining wall dynamic load increment calculations. The point of application may vary between 0.37H to 0.40H.

- Basement (restrained) walls with level backfill:
  $P_{ae} = \frac{1}{2}\gamma H^2(0.68\ PGA/g) = 29\ H^2$

- Cantilever (unrestrained) walls with level backfill:
  $P_{ae} = \frac{1}{2}\gamma H^2(0.42\ PGA/g) = 18\ H^2$

- Cantilever (unrestrained) walls with no steeper than 2:1 slope:
  $P_{ae} = \frac{1}{2}\gamma H^2(0.70\ PGA/g) = 30\ H^2$

3.16 Cement Type and Corrosion Potential

A soluble sulfate test performed on a shallow sample of soil indicates that concrete at the subject site will have a negligible exposure to water-soluble sulfate in the soil. Our recommendations for concrete exposed to sulfate-containing soils are presented in the following table.

Recommendations for Concrete exposed to Sulfate-containing Soils

Sulfate Exposure	Water Soluble Sulfate (SO_4) in Soil (% by Weight)	Sulfate (SO_4) in Water (ppm)	Cement Type (ASTM C150)	Maximum Water-Cement Ratio (by Weight)	Minimum Compressive Strength (psi)
Negligible	0.00 - 0.10	0-150	--	--	2,500
Moderate	0.10 - 0.20	150-1,500	II	0.50	4,000
Severe	0.20 - 2.00	1,500-10,000	V	0.45	4,500
Very Severe	Over 2.00	Over 10,000	V plus pozzolan or slag	0.45	4,500

Use of alternate combinations of cementitious materials may be permitted if the combinations meet design recommendations contained in American Concrete Institute guideline ACI 318-11.

The soils were also tested for soil reactivity (pH) and electrical resistivity (ohm-cm). The test results indicate that the on-site soils have soil reactivity of 8.9 and 8.7 and electrical resistivity of 8,658 and 3,260 ohm-cm. A neutral or non-corrosive soil has a reactivity value ranging from 5.5 to 8.4. Generally, soils that could be considered moderately corrosive to ferrous metals have resistivity values of about 3,000 ohm-cm to 10,000 ohm-cm. Soils with resistivity values less than 3,000 ohm-cm can be considered corrosive and soils with resistivity values less than 1,000 ohm-cm can be considered extremely corrosive.

Based on our analysis, underlying onsite soils are corrosive to ferrous metals. Protection of buried pipes utilizing coatings on all underground pipes; clean backfills and a cathodic protection system can be effective in controlling corrosion. A qualified corrosion engineer may be consulted to further assess the corrosive properties of the soil.

3.17 Preliminary Pavement Sections

Based on the soil profiles at the subject project, a subgrade R-value of 30 has been used to develop the preliminary pavement sections given below. The structural section recommendations (AC over processed miscellaneous base materials (with a minimum R-value of 78)) given herein were developed using the procedures outlined in Chapter 630 of the California Highway Design Manual (Caltrans, 2012). This procedure uses the principle that the pavement structural section must be of adequate thickness to distribute the load from the design TI to the subgrade soils in such a manner that the stresses from the applied loads do not exceed the strength of the soil (R-value). We would recommend the following preliminary structural sections:

ASPHALT SECTIONS

TRAFFIC INDEX	ASPHALT THICKNESS, IN.	BASE THICKNESS, IN.
4.5	3.0	5.0
5.0	3.0	6.0
6.0	4.0	7.0

At a minimum, the upper 12 inches of subgrade soils should be at or no more than 2% over optimum moisture content and compacted to a minimum of 90% relative compaction prior to placement of base. All aggregate base courses should also be at or no more than 2% over optimum moisture and compacted to a minimum of 95% relative compaction.

3.18 Utility Trench Backfill

The onsite fill soils will not be suitable for use as pipe bedding for buried utilities. All pipes should be bedded in a sand, gravel or crushed aggregate imported material complying with the requirements of the Standard Specifications for Public Works Construction (Greenbook) Section 306-1.2.1. Crushed rock products that do not contain appreciable fines should not be utilized as pipe bedding and/or backfill. Bedding materials should be densified to at least 90% relative compaction (ASTM D1557). The geotechnical consultant should review and approve of proposed bedding materials prior to use.

The on-site soils are expected to be suitable as trench backfill provided they are screened of organic matter, boulders and cobbles over 6 inches in diameter. Trench backfill should be densified to at least 90% relative compaction (ASTM D1557). On-site granular soils with a sand equivalent value of 15 or greater may be water densified initially per Greenbook Specifications. Supplemental mechanical compaction methods will be required to attain the required 90% relative compaction.

All utility trench backfill within street right of way, utility easements, under or adjacent to sidewalks, driveways, or building pads should be observed and tested by the geotechnical consultant to verify proper compaction. Trenches excavated adjacent to foundations should not extend within the footing influence zone defined as the area within a line projected at a 1:1 drawn from the bottom edge of the footing. Trenches crossing perpendicular to foundations should be excavated and backfilled prior to the construction of the foundations. The excavations should be backfilled in the presence of the geotechnical engineer and tested to verify adequate compaction beneath the proposed footing.

Cal/OSHA construction safety orders should be observed during all underground work.

3.19 Temporary Excavations

Based on the recommended removal depths as described in Section 3.06, temporary excavations within the limits of grading are expected to be 5 feet. Excavations may be cut vertically to a maximum height of 4 feet. Cuts above 4 feet may be laid back at a gradient of 1:1.

3.20 Drainage

Surface drainage should be directed away from the proposed structures into suitable drainage devices. Neither excess irrigation nor rainwater should be allowed to collect or pond against building foundations or within low-lying or level areas of the lot. Surface waters should be diverted away from the tops of slopes and prevented from draining over the top of slopes and down the slope face.

3.21 Plan Review

Once formal plans are prepared for the subject property, this office should review the plans from a geotechnical viewpoint, comment on changes from the plan used during preparation of this report and revise the recommendations of this report where necessary.

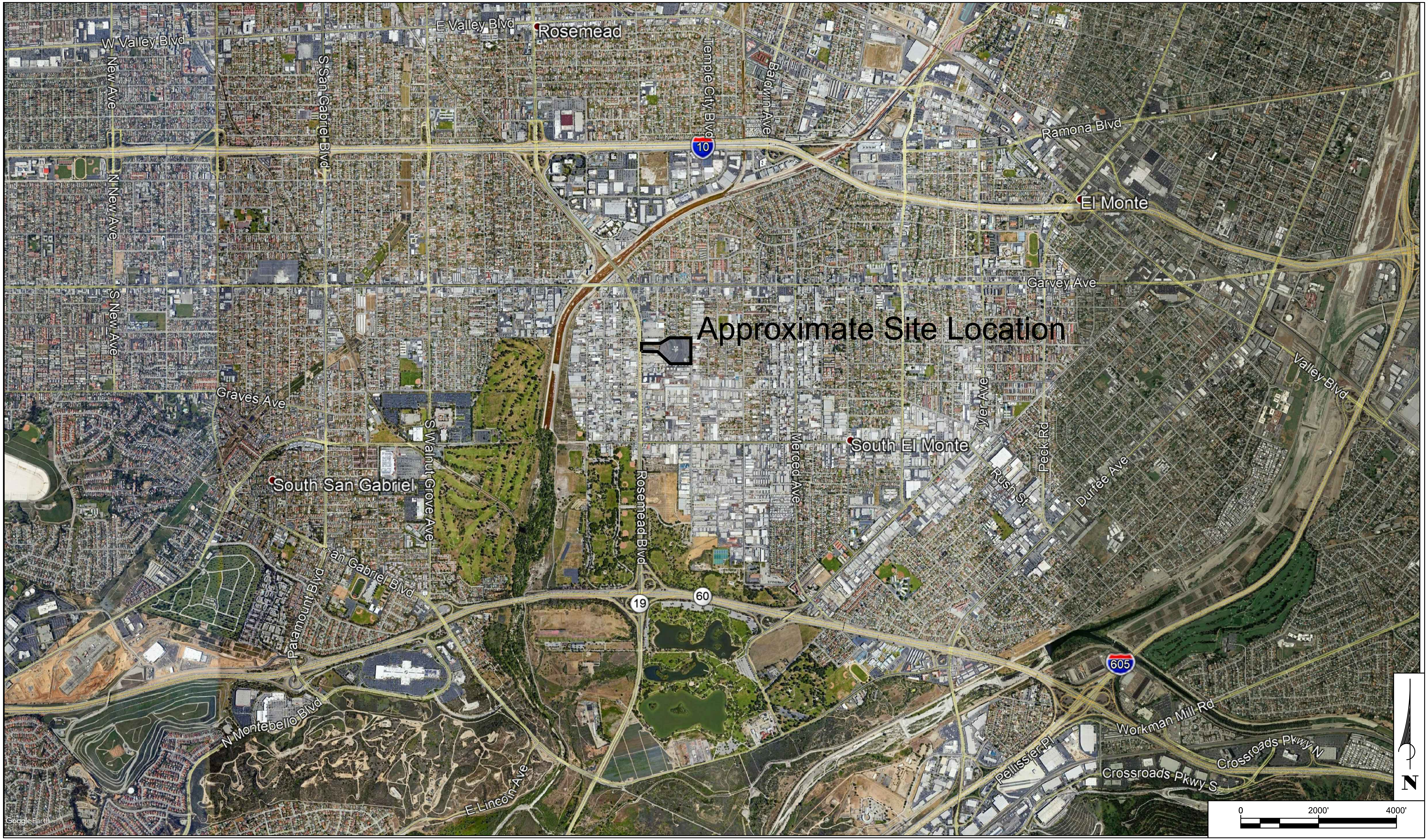
4.00 CLOSURE

This investigation was completed in accordance with generally accepted industry practice to provide recommendations for developing the property from a geotechnical perspective. Information presented in this report is based on research, field investigation, laboratory testing, and engineer judgment obtained from similar projects completed on nearby properties. This assessment is not, and should not be construed as, a warranty or guarantee concerning the geotechnical conditions which may affect the future development of the property. All discovered information has been disclosed and a good faith effort has been made to consult pertinent sources.

This study and report have been prepared on behalf and for the exclusive use of KB Home, and solely for use as a preliminary evaluation of the subject site. This report and its findings shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without prior written consent of RMA Geoscience, Inc. and KB Home. However, RMA Geoscience, Inc. acknowledges and agrees that the report may be conveyed to the design professionals for consideration in developing the property.

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FIGURES



Source: Google Earth Images

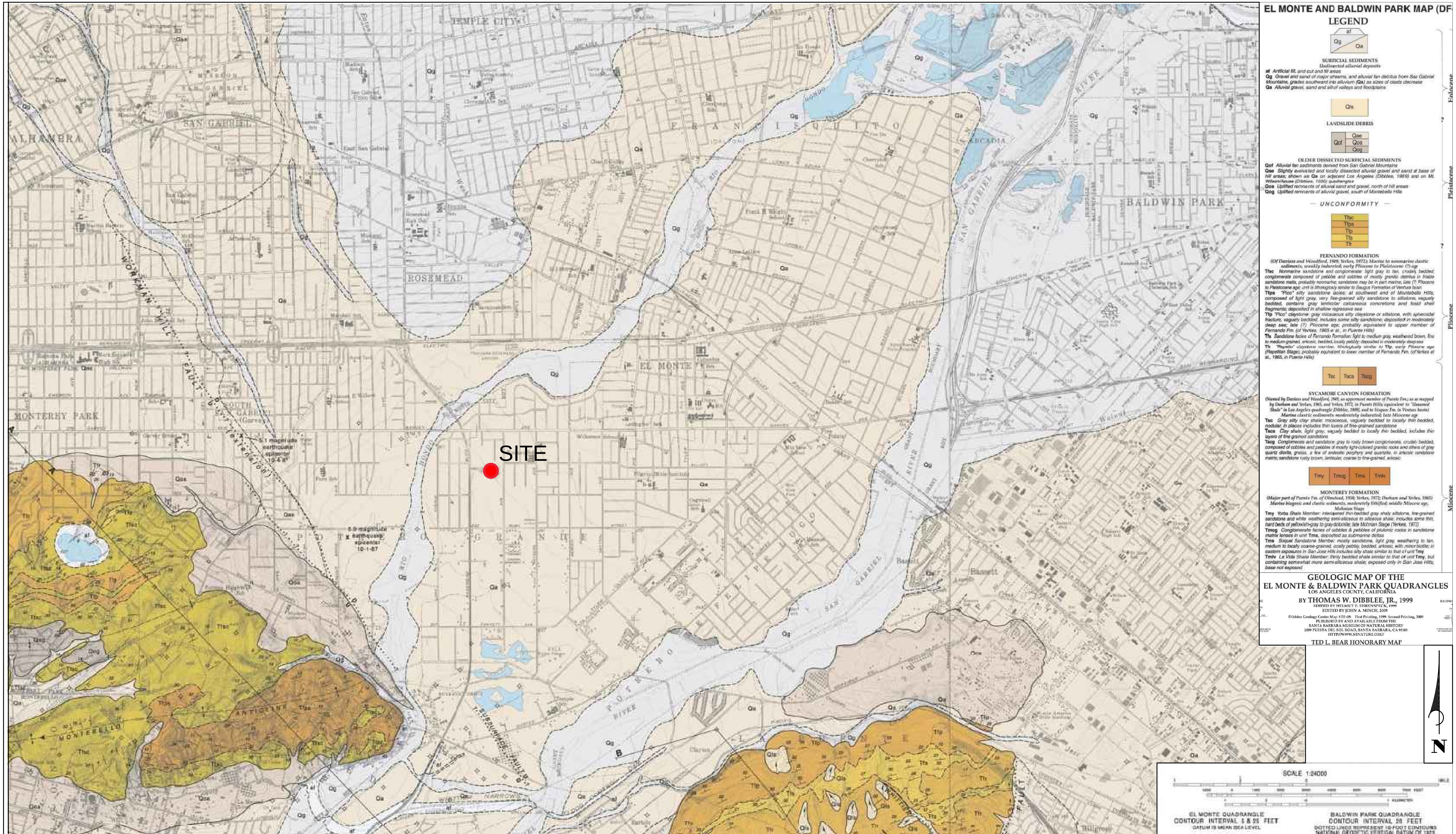
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Site Vicinity Map

2540 Rosemead Boulevard
South El Monte, CA

Figure 1

RMA Job No:	20G-0418
Report Date:	8/2020
Prepared By:	MRM



Source: Geology Map of the EL Monte and Baldwin Park Quadrangle, Thomas W. Dibblee, Jr. 1999, Dibblee Geology Center Map #DF-69:, 1:24000

Regional Geology Map

El Monte, CA

E-22

Figure 2

RMA Job No:	20G-0418
Report Date:	8/2020
Prepared By:	MRM

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APPENDIX A

FIELD INVESTIGATION

APPENDIX A

FIELD INVESTIGATION

A-1.00 FIELD EXPLORATION

A-1.01 Number of Borings and Test Pits and CPT

Our subsurface investigation consisted of seven (7) hollow stem boring auger to depths of up to 50 feet and nine (9) test pits t dug with a backhoe to a maximum depth of 17 feet. Three (3) CPT were conducted within subject site by Gregg Drilling, LLC.

A-1.02 Location of Boring and Test Pits and CPT

A Boring Location Map showing the approximate locations of the borings and test pits and CPTs are presented as Plate 1.

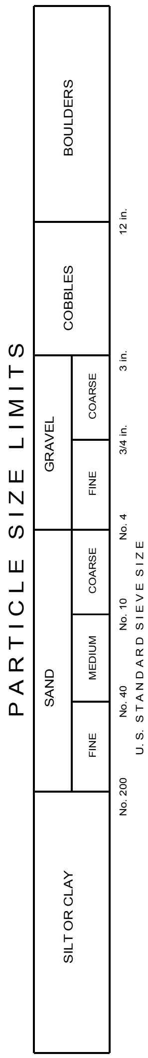
A-1.03 Boring and Test Pit Logging

Logs of the borings and test pits were prepared by one of our staff and are attached in this appendix. The logs contain factual information and interpretation of subsurface conditions between samples. The strata indicated on these logs represent the approximate boundary between earth units and the transition may be gradual. The logs show subsurface conditions at the dates and locations indicated, and may not be representative of subsurface conditions at other locations and times.

Identification of the soils encountered during the subsurface exploration was made using the field identification procedure of the Unified Soils Classification System (ASTM D2488). A legend indicating the symbols and definitions used in this classification system and a legend defining the terms used in describing the relative compaction, consistency or firmness of the soil are attached in this appendix. Bag samples of the major earth units were obtained for laboratory inspection and testing.

A-1.04 CPT Results

CPT soundings were performed in accordance with ASTM D 5778-12. During the CPT, the cone takes measures of tip resistance, sleeve resistance, and penetration pore water pressure. Measurements are taken at 5 centimeter intervals during penetration to provide a nearly continuous profile. CPT data reduction and basic interpretation is performed in real time facilitating on-site decision making. The above mentioned parameters are stored electronically for further analysis and reference. CPT results are presented in Appendix D.



MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS (More than 50% of material is LARGER than No. 200 sieve size)	GRAVELS (More than 50% of coarse fraction is LARGER than the No. 4 sieve size.	CLEAN GRAVELS (Little or no fines)	GW	Well graded gravel, gravel-sand mixtures. little or no fines.
			GP	Poorly graded gravel or gravel-sand mixtures, little or no fines.
		GRAVELS WITH FINES (Appreciable amt. of fines)	GM	Silty gravels, gravel-sand-silt mixtures.
			GC	Clayey gravels, gravel-sand-clay mixtures.
	SANDS (More than 50% of coarse fraction is SMALLER than the No. 4 sieve size)	CLEAN SANDS (Little or no fines)	SW	Well graded sands, gravelly sands, little or no fines.
			SP	Poorly graded sands or gravelly sands, little or no fines.
		SANDS WITH FINES (Appreciable amount of fines)	SM	Silty sands, sand-silt mixtures.
			SC	Clayey sands, sand-clay mixtures.
FINE GRAINED SOILS (More than 50% of material is SMALLER than No. 200 sieve size)	SILTS AND CLAYS (Liquid limit LESS than 50)		ML	Inorganic silts and very fine sands, rock flour silty or clayey fine sands or clayey silts with slight plasticity
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
			OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS (Liquid limit GREATER than 50)		MH	Inorganic silts, micaceous or diatamaceous fine sandy or silty soils, elastic silts.
			CH	Inorganic clays of high plasticity, fat clays.
			OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils.

BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.

UNIFIED SOIL CLASSIFICATION SYSTEM

I. SOIL STRENGTH/DENSITY

BASED ON STANDARD PENETRATION TESTS

Compactness of sand		Consistency of clay	
Penetration Resistance N (blows/Ft)	Compactness	Penetration Resistance N (blows/ft)	Consistency
0-4	Very Loose	<2	Very Soft
4-10	Loose	2-4	Soft
10-30	Medium Dense	4-8	Medium Stiff
30-50	Dense	8-15	Stiff
>50	Very Dense	15-30	Very Stiff
		>30	Hard

N = Number of blows of 140 lb. weight falling 30 in. to drive 2-in OD sampler 1 ft.

BASED ON RELATIVE COMPACTION

Compactness of sand		Consistency of clay	
% Compaction	Compactness	% Compaction	Consistency
<75	Loose	<80	Soft
75-83	Medium Dense	80-85	Medium Stiff
83-90	Dense	85-90	Stiff
>90	Very Dense	>90	Very Stiff

II. SOIL MOISTURE

Moisture of sands		Moisture of clays	
% Moisture	Description	% Moisture	Description
<5%	Dry	<12%	Dry
5-12%	Moist	12-20%	Moist
>12%	Very Moist	>20%	Very Moist, wet

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BORING NUMBER 1

Client:	KB Home	Project Name:	Solemo 13 Acres
Project Number:	20G-0418	Project Location:	2540 Rosemead Blvd, South El Monte, CA
Date Started:	7/15/2020 Completed: 7/15/2020	Ground Elevation:	244 ft. * Boring Diameter: 9"
Excavation Method:	Hollow Stem Auger	Ground Water Levels:	Not Encountered
Drilling Contractor:	Choice Drilling (Samm and Darwin)	Notes:	* Topographic map by B & E Engineers 10/23/15
Logged By:	mbk Checked By: hhl		140 lb AutoHammer with 30 inch drop

Material Description legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
0–2			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, meduim dense			SM
2.5	Ring	5,5,5	Bulk	17.4	103.2	121.1				**ALLUVIUM (Qa):** Light orange gray fine Silty SAND with minor Clay, micaceous, orange iron oxide stains along minor rootlet pathways, slightly moist, intact, loose density			SM
5	Ring	3,3,4		8.2	91.3	98.8				@ 5 feet, same as above, with thin SILT layers, slightly moist, intact, very loose density			SM
7.5	Ring	7,12,14		24.4	100.7	125.3				@ 7.5 feet, lighty orange gray Sandy SILT and Silty SAND layers, orange oxide staining along rootlet pores and organic debris clasts (1mmx5mm), micaceous, slightly moist, medium dense or stiff			ML/SM
10	Ring	4,4,4		9.8	109.4	120.1				@ 10 feet, very light gray fine Silty SAND, slightly micaceous, slighlty moist intact, very loose density			SM
12.5	SPT	6,10,11		9.8						@ 12.5 feet, very light gray fine SAND with Silt, friable, slightly moist to dry, dense			SP
15	Ring	40,50/4"		10.5	116.9	129.1				@ 15 feet, same as above fine SAND with Gravel and Cobbles, friable, dry to slightly moist, medium dense			SP
17.5	SPT	9,10,15		2.0						@ 17.5 feet, same as above fine SAND with Silt, Gravel, and Cobbles, friable, slightly moist to dry, medium dense, Cobble in sample shoe			SW
20	Ring	20,28,31		1.8	121.0	123.1				@ 20 feet, very light gray fine SAND with Silt, and minor medium to coarse grains, friable, slightly moist to dry, medium dense, three rings			SW
22.5	SPT	11,9,11		2.3						@ 22.5 feet, light yellow brown gray fine to coarse Gravally SAND with Silt, friable, slightly moist, dense			SW
25	Ring	30,40,50/6"		2.3	108.6	111.1				@ 25 feet, light yellow brown gray fine Gravelly SAND with fine to coarse SAND and pockets of fine Sandy SILT lenses, slight moist, medium dense			SW

Total Depth drilled 26.5 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/15/20

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BORING NUMBER 2

Page 1 of 1

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte,
Date Started: 7/15/2020 Completed: 7/15/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: mbk Checked By: hhl
140 lb AutoHammer with 30 inch drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D50	USCS Classification
			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange fine Silty SAND with Clay, slightly moist, meduim dense @ 6 inches change to moderate brown gray with strong petroleum			SM
	Ring	7,11,13		12.3	98.7	110.9				ALLUVIUM (Qa): Very light orange gray fine to medium Silty slightly moist, medium dense.			SM
5	Ring	6,4,3		29.3	80.3	103.8				@ 5 feet, very light orange gray fine Silty SAND with orange iron staining along rootlet pathways, slighlty micaceous, very loose			SM
	Ring	12,13,15		34.7	89.9	121.1				@ 7.5 feet, same as above, slighlty moist, medium dense			SM
10	SPT	7,8,10		6.6						@ 10 feet, very light orange gray fine SAND with thin orange clasts stained orange (iron oxide), slightly moist, meduim dense			SP
	Ring	28,50/6"		1.6	114.8	116.6				@ 12.5 feet, same as above, slightly moist, medium dense			SP
15	SPT	11,13,14		1.3						@ 15 feet, same as above fine SAND with lenses and thin layers of brown SILT with Clay, slightly moist, medium dense			SP
	Ring	27,50/6"		3.2	102.0	105.3				@ 17.5 feet, very light yellow gray fine to medium SAND with Silt, dry to slighlty moist, medium dense			SW
20	SPT	17,22,24		3.2						@ 20 feet, very light yellow gray fine to coarse SAND with minor Silt and fine Gravel (subangular to subrounded), friable, slighlty moist to dry,			SW
	Ring	40,50/6"		4.1	124.0	129				@ 22.5 feet, same as above with minor Gravel, friable, slightly dense			SW
25	SPT	18,21,39		9.4						@ 25 feet, same as above, fine to medium SAND, friable, slightly dry, dense			SW
30													

Total Depth drilled 26.5 feet
No Groundwater
No Caving to 20 feet as auger pulled
Backfilled and Asphalt Capped 7/15/20

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BORING NUMBER 3

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/15/2020 Completed: 7/15/2020
Ground Elevation: 240* Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choise Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: mbk Checked By: hhl
140 lb AutoHammer with 30 inch drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
			Bulk							**ASPHALT:** 2 inches **ARTIFICIAL FILL Qaf):** Moderate orange brown fine Silty SAND, slighlty moist, medium dense			SM
										Orange brown fine Silty SAND, slighlty moist, medium dense			
	Ring	6,8,7		12.6	112.2	126.4				**ALLUVIUM (Qa):** Olive gray with minor orange iron oxide stained fine			SM
										Silty SAND, micaceous, strong hydrocarbon odor, moist, medium dense			SM
5	Ring	6,8,11		12.8	115.0	130				@ 5 feet, same as above, hydrocarbon odor, slighlty moist medium dense			SM
	Ring	6,9,12		29.5	90.1	117				@ 7.5 feet, same as above, strong hydrocarbon odor, slighlty moist to moist, medium dense			SM
10	SPT	2,3,4								@ 10 feet, same as above, hydrocarbon odor, slightly moist to moist, medium dense	15		SM
	Ring	6,8,14		20.3	109.3	132				@ 12.5 feet, olive grey fine Sandy SILT with clay with orange iron oxide staining along rootlet pathways, minor charcoal flecks, hydrocarbon odor (PID 300), slightly moist,very stiff			ML
15	SPT	4,6,2		12.5			42	37	5	@ 15 feet, sandy SILT with clay, hydrocarbon odor, medium dense, slightly moist, very stiff	80		ML
	Ring	6,9,15		7.2	96.1	103				@ 17.5 feet, light gray brown fine SAND with Silt, slightly moist,			SP
20	SPT	4,9,15								Light gray brown SILT, micaceous, hydrocarbon odor (PID 386), slightly moist to moist, medium stiff	20		ML
										Light gray brown fine SAND with Silt, friable,slighlty moist, medium dense			SP
	Ring	28,50/6"		1.7	110.1	112				@ 22.5 feet, light gray fine to coarse Gravelly SAND with Silt, friable, no hydrocarbon odor, dry to slighlty moist, medium dense			SW
25	SPT	7,9,11		1.5						@ 25 feet, same as above, friable, dry to slightly moist, medium dense			SW
	Ring	10,11,20		12.4	95.4	107				@ 27.5 feet, same as above, with SILT and fine SAND layers, slightly moist, medium dense			SW
30	SPT	5,7,8								@ 30 feet, light gray Silty fine SAND with gravel, friable, slightly moist, dense	18		SM/SP
	Ring	17,28,30		3.3	109.6	113				@ 32.5 feet, same as above, dense			SP

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BORING NUMBER 3

Page ___ of ___

Client: KB Home

Project Name: Solemo 13 Acre

Project Number: 20G-0418-0

Project Location: 2540 Rosemead Blvd, South El Monte

Date Started: 7/15/2020 Completed: 7/15/2020

Ground Elevation: 240* Boring Diameter: 9"

Excavation Method: Hollow Stem Auger

Ground Water Levels: Not Encountered

Drilling Contractor: Choise Drilling (Samm and Darwin)

Notes: * Topographic map by B & E Engineers 10/23/15

Logged By: mbk Checked By: hi

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
	Standard Split Spoon	9,14,15		4.3						@ 35 feet, same as above, light gray fine SAND with SILT, friable, slighty moist, dense			SP
	2.5" Ring	50/6"		2.1	108.8	111.1				@ 37.5 feet, same as above with Gravel, friable, slightly moist, dense			SP/SW
40	Standard Split Spoon	15,21,22								@ 40 feet, light gray fine SAND, slightly moist, dense	6.4		SP
	2.5" Ring	27,50/2"		19.7	107.6	129				@ 425 feet, Gray Gravelly SAND, sub angular to sub rounded, moist, medium dense with lenses of Silty CLAY, organic rich, moist, soft			SW
45	Standard Split Spoon	27,50/2"		33.4						@ 45 feet, Gray green SILT with Clay to Clayey SILT with minor Gravel, organic rich, slighlty micaceous, slighlty moist to moist, soft			ML
	2.5" Ring	10,15,21		18.9	113.4	135				@ 47.5 feet, dark gray, Silty CLAY to Clayey SILT with coarse Sand to fine Gravel, stiff			CL/ML
50	Standard Split Spoon	12,15,16								@ 50 feet, Silty Sand with clay, less Gravel, slightly moist, stiff	34.9		SM/SC
55													
60													
65													

Total Depth drilled 51.5 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/15/20

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BORING NUMBER 4

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/15/2020 Completed: 7/15/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By: HL
140 lb Auto Hammer with 30 in. drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
0			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, meduim dense			
2										**ALLUVIUM (Qa):** Light orange brown Silty fine SAND with minor Clay, micaceous, orange iron oxide stains, slightly moist, intact, loose density			
3.5	Ring	9-9-8		12.3	106.3	119							SM
5	SPT	1-1-2								@ 3 feet, medium light brown SILT with fine Sand, micaceous, red iron odixe staining, slightly moist			ML
7.5	Ring	4-7-12		19.4	109.9	131				@ 7.5 feet, medium light brown SILT with medium course Sand, micaceous, red iron odixe staining, slightly moist			
10	Ring	10-17-20		3.8	104.1	108				@ 10 feet, orange yellow medium to fine grained SAND, micaceous, red iron odixe staining, slightly moist, medium dense			SM
12.5	SPT	8-13-14								@ 12.5 feet, orange yellow medium to fine grained SAND, red iron odixe staining, slightly moist, medium dense			
15	Ring	20-34-50(6")		1.4	121.4	123				@ 15 feet, greyish white course grained SAND with abundant Gravels (fine to course), slightly moist to dry, many fractured gravels in sample			SM-SP
17.5	SPT	9-15-16								@ 17.5 feet, greyish white course grained SAND with some Gravels (fine to course), slightly moist to dry, some fractured gravels in sample			SM
20	Ring	14-21-30		1.7	113.3	115				@ 20 feet, greyish white course grained SAND with some Gravels (fine to course), slightly moist to dry, few fractured gravels in sample			
22.5	SPT	14-28-33								@ 22.5 feet, greyish white medium to fine grained SAND with some Gravels (fine to course), slightly moist to dry, few fractured gravels in sample			
25	Ring	31-50(6")		3.6	110.0	114				@ 25 feet, greyish white medium to fine grained SAND with some Gravels (fine to course), slightly moist to dry, few fractured gravels in sample			
27.5	SPT	2-3-4								@ 27.5 feet, Blue grey Clayey SAND with Silt, very micaceous, slightly moist, soft,			SC-SM

Total Depth drilled 27.5 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/16/20

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BORING NUMBER 5

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/16/2020 Completed: 7/16/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By: HHL
140 lb Auto Hammer with 30 in. drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, medium dense			
										ALLUVIUM (Qa): Light orange brown Silty fine SAND with minor Clay, micaceous, orange iron oxide stains, slightly moist, intact, loose density			SM
	Ring	2-4-10		22.3	101.4	124.0							
5										@ 3 feet, medium light brown Silty SAND to Sandy SILT, micaceous, red iron odixe staining, slightly moist			SM/ML
	SPT			20.9									
										@ 5 feet, medium light brown Silty SAND to Sandy SILT with Clay, micaceous, red iron odixe staining on rootlets, slightly moist, medium stiff			
	Ring	18-24-31		3.1	106.7	110.0				@ 7.5 feet, orange yellow medium to course SAND with Silt and some Gravels, slightly moist, fractured gravels coming up in auger			SM
10	SPT	4-8-10		3.6						@ 10 feet, orange yellow medium to course SAND with Silt and some Gravels, slightly moist, fractured gravels coming up in auger			
	Ring	16-18-8		4.9	102.2	107.2				@ 12.5 feet, whitish yellow medium to fine grained SAND, no gravels, red iron odixe staining, slightly moist, medium dense			
15	SPT	2-2-6		21.0						@ 15 feet, Redish iron staining on layer of sandy silt with clay, soft with lower half of sample containing medium brown fine to medium SAND, slightly moist			CL/ML
	Ring	12-28-50(6")		1.9	125.8	128.1				@ 17.5 feet, whitish course to medium grained SAND with Gravels (fine to course), slightly moist to dry, abundant fractured gravels in sample			SM
20	SPT	2-3-4		25.9						@ 20 feet, blue grey green SILT with Clay to Clayey SILT with little to no Sand, soft, slightly moist			ML
	Ring	12-16-17		19.3	102.0	121.8				@ 22.5 feet, blue grey green SILT with Clay to Clayey SILT with little to no Sand, medium dense, slightly moist			
25	SPT	5-7-7		11.4						@ 25 feet, blue grey green fine grained SAND with Silt, slightly moist, soft, no cobbles, minor iron oxide staining			SM
										@ 27.5 feet, brown grey SILT with Clay to CLAY with Silt, some iron oxide staining, soft, low recovery			ML/CL
	Ring	8-10-12		18	104.0	122.7							
30	SPT	2-4-8		34									
				15.6	115.4	133.5							

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BORING NUMBER 5

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/16/2020 Completed: 7/16/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By: HHL

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
35	Standard Split Spoon	5-6-9		11.9						@ 35 feet, blue green grey Silty SAND with Clay, slightly moist, medium dense, micaceous			SM
	2.5" Ring	25-50(6")		11.4	123.9	138				@ 37.5 feet, blue green grey Silty SAND with Clay, slightly moist, medium dense, micaceous			
40	Standard Split Spoon	8-11-6		14.0						@ 40 feet, Lower sampler consists of approximately 6 inches of grey green Silty CLAY, below it there is approximately 6 inches of whitish grey course SAND and below that there is approximately 6 inches of blue green medium course SAND, slightly moist			CL/SM
	2.5" Ring	15-38-50(6")		12.6	119.7	135				@ 42.5 feet, blue green grey Silty coarse SAND with Clay, slightly moist, medium dense, micaceous			SM
45	Standard Split Spoon	8-12-17		11.8						@ 45 feet, blue green grey Silty coarse SAND with Clay, slightly moist, medium dense, micaceous			
	2.5" Ring	11-14-15		23.4	100.9	125				@ 47.5 feet, blue green grey Silty coarse SAND with Clay, slightly moist, medium dense, micaceous			
50	Standard Split Spoon	7-11-14		33.5						@ 50 feet, blue green grey Silty coarse SAND with Clay, slightly moist, medium dense, micaceous			

Total Depth drilled 50 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/16/20

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BORING NUMBER 6

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/16/2020 Completed: 7/16/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By: HHL
140 lb Auto Hammer with 30 in. drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
										ASPHALT: 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, medium dense			
		2-3-4								**ALLUVIUM (Qa):** Light orange brown Silty fine SAND with minor Clay, micaceous, orange iron oxide stains, slightly moist, loose to medium density	52		SM/ML
5		7-9-10		13.4	96.2	109.1				@ 2.5 feet, medium light brown Silty SAND to Sandy SILT, micaceous, red iron odixe staining, slightly moist			
										@ 5 feet, medium light brown Silty SAND to Sandy SILT with Clay, micaceous, red iron odixe staining on rootlets, slightly moist, medium stiff			
		1-2-4		4.3						@ 7.5 feet, whitish medium to course SAND, some finer sand in upper sanmple, slightly moist,			
10		4-6-8		18.4	76.6	90.7				@ 10 feet, medium light brown Silty SAND to Sandy SILT, micaceous, red iron odixe staining, slightly moist, low recovery			
		1-1-1					61	54	7	@ 12.5 feet, Black Sandy SILT trace clay, very strong hydrocarbon smell, abundant black organics and brown degrading roots, soft, slightly moist to moist	83		ML/SM
15		4-4-5		60.5	55.2	88.6				@ 15 feet, Blacksilty Sandy SILT, very strong hydrocarbon smell, abundant black organics and brown degrading roots, soft, slightly moist to moist,			
		5-4-4		12.8						@ 17.5 feet, Upper layer is dark grey course to medium SAND, lower half of sample is black Sandy SILT, very strong hydrocarbon smell, abundant black organics and brown degrading roots, soft, slightly moist to moist,			
20		6-8-9		23.9	100.6	124.7				@ 20 feet, Upper layer is dark grey course to medium SAND, lower half of sample is black Sandy SILT, very strong hydrocarbon smell, abundant black organics and brown degrading roots, soft, slightly moist to moist,			
		3-3-3								@ 22.5 feet, dark grey green silty SAND trace clay, micaceous, no visible organics, slightly moist, soft	61		ML/SM
25		8-10-14		16.9	109.3	127.8							
		6-13-15		12.6						@ 25 feet, dark grey green silty SAND trace clay, micaceous, no visible organics, slightly moist, soft, some course grey gravel and a course Sand layer approx. 3"			
										@ 27.5 feet, grey green medium to fine SAND with minor Silt, upper 3 in. of sampler are silty SAND trace clay, micaceous, no visible organics, moist,			SM
30		17-50(6")		12.8	111.5	125.8				@ 30 feet, grey green medium to fine SAND with minor Silt, micaceous, no visible organics, moist, medium dense to dense			
		6-12-20								@ 32.5 feet, grey green medium to fine SAND with minor Silt, micaceous, no visible organics, moist, medium dense to dense	11		

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9854 Glenoaks Blvd., Sun Valley, CA 91352

BORING NUMBER 6

Client: KB Home

Project Number: 20G-0418

Date Started: 7/16/2020 Completed: 7/16/2020

Excavation Method: Hollow Stem Auger

Drilling Contractor: Choice Drilling (Samm and Darwin)

Logged By: MRM Checked By:

Project Name: Solemo 13 Acres

Project Location: 2540 Rosemead Blvd, South El Monte, CA

Ground Elevation: 244 ft. * Boring Diameter: 9"

Ground Water Levels: Not Encountered

Notes: * Topographic map by B & E Engineers 10/23/15

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D50	USCS Classification
35	2.5" Ring	45-50(6")		7.7	125.7	135.5				@ 32.5 feet, grey green medium to fine SAND with minor Silt, micaceous, no visible organics, moist, medium dense to dense			SM
	Split Spoon	6-7-8								@ 37.5 feet, grey green medium coarse to coarse SAND with some Silt, micaceous, moist, medium dense			
40	2.5" Ring	13-22-35		8.3	113.4	122.8				@ 40 feet, medium brown Sandy SILT to Silty SAND with Gravel, slightly moist, medium dense,			SM/ML
	Split Spoon	6-8-9								@ 42.5 feet, medium brown course to medium course SAND, slightly moist, medium dense, grades into finer grey green SILT with Clay	27		SM
45	2.5" Ring	11-20-23								@ 45 feet, medium brown coarse SAND interspersed with black tubes, layers of green Silty Clay in lower rings, slightly moist, dense			
	Split Spoon	8-12-20								@ 47.5 feet, light brown Silty SAND, slightly moist, friable, medium dense to dense			
50	2.5" Ring	50(6")								@ 50 feet, light brown Silty SAND, slightly moist, friable, medium dense to dense			

Total Depth drilled 50 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/16/20

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9854 Glenoaks Blvd., Sun Valley, CA 91352

BORING NUMBER 7

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/16/2020 Completed: 7/16/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By:
140 lb Auto Hammer with 30 in. drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
0–2			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, medium dense			SM
3	Ring	4-6-10	Bulk							@ 3 feet, medium light brown Silty SAND to Sandy SILT, asphault pieces,medium dense, slightly moist			SM/ML
5										**ALLUVIUM (Qa):** Light orange brown Silty fine SAND with minor Clay, micaceous, orange iron oxide stains, slightly moist, loose to medium density			SM
6	Ring	4-6-10								@ 6 feet, medium light brown Silty SAND to Sandy SILT, micaceous, slightly moist, medium stiff			SM/ML
9	Ring	9-12-18								@ 9 feet, medium light brown Silty SAND to Sandy SILT, micaceous, slightly moist, medium stiff, red iron oxide staining			
12	Ring	7-12-13								@ 12 feet, medium light brown Silty SAND to Sandy SILT, micaceous, slightly moist, medium stiff, red iron oxide staining			
15	Ring	11-13-20								@ 15 feet, medium brown Silty SAND to Sandy SILT, micaceous, slightly moist, medium stiff to stiff, red iron oxide staining areas are sandier			
18	Ring	13-17-18								@ 18 feet, whitish grey fine to medium SAND with minor Silt, slightly moist, medium dense			SM
21	Ring	8-20-30								@ 21 feet, whitish grey fine to medium SAND with minor Silt and minor well graded gravels, slightly moist, medium dense			
24	Ring	14-21-28								@ 24 feet, whitish grey fine to medium SAND with minor Silt and minor well graded gravels, slightly moist, medium dense			

Total Depth drilled 24 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/16/20

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Log of Exploratory Test Pit

Test Pit Number: 1

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

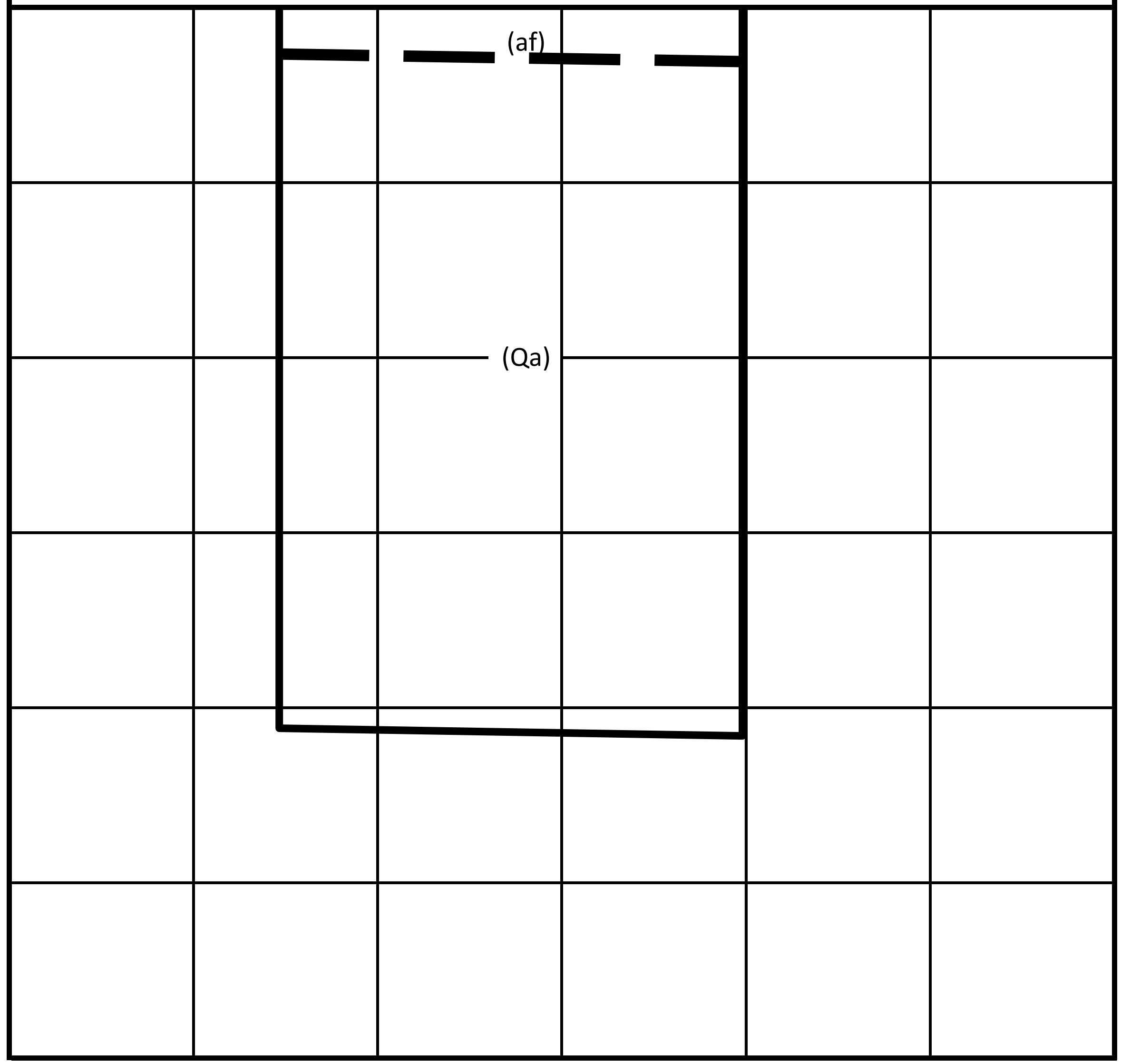
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-1' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **1-17' Quaternary Alluvium (Qa)** 1-10': Grey green blue Silty SAND to SAND with Silt, slightly moist, no cobbles or gravels, friable, medium dense 10-17': Grey green blue Silty SAND with Clay, slightly moist, no cobbles or gravels, medium dense, strong hydrocarbon smell, breaks in chunks 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



Log of Exploratory Test Pit

RMA GeoScience

Test Pit Number: 2

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

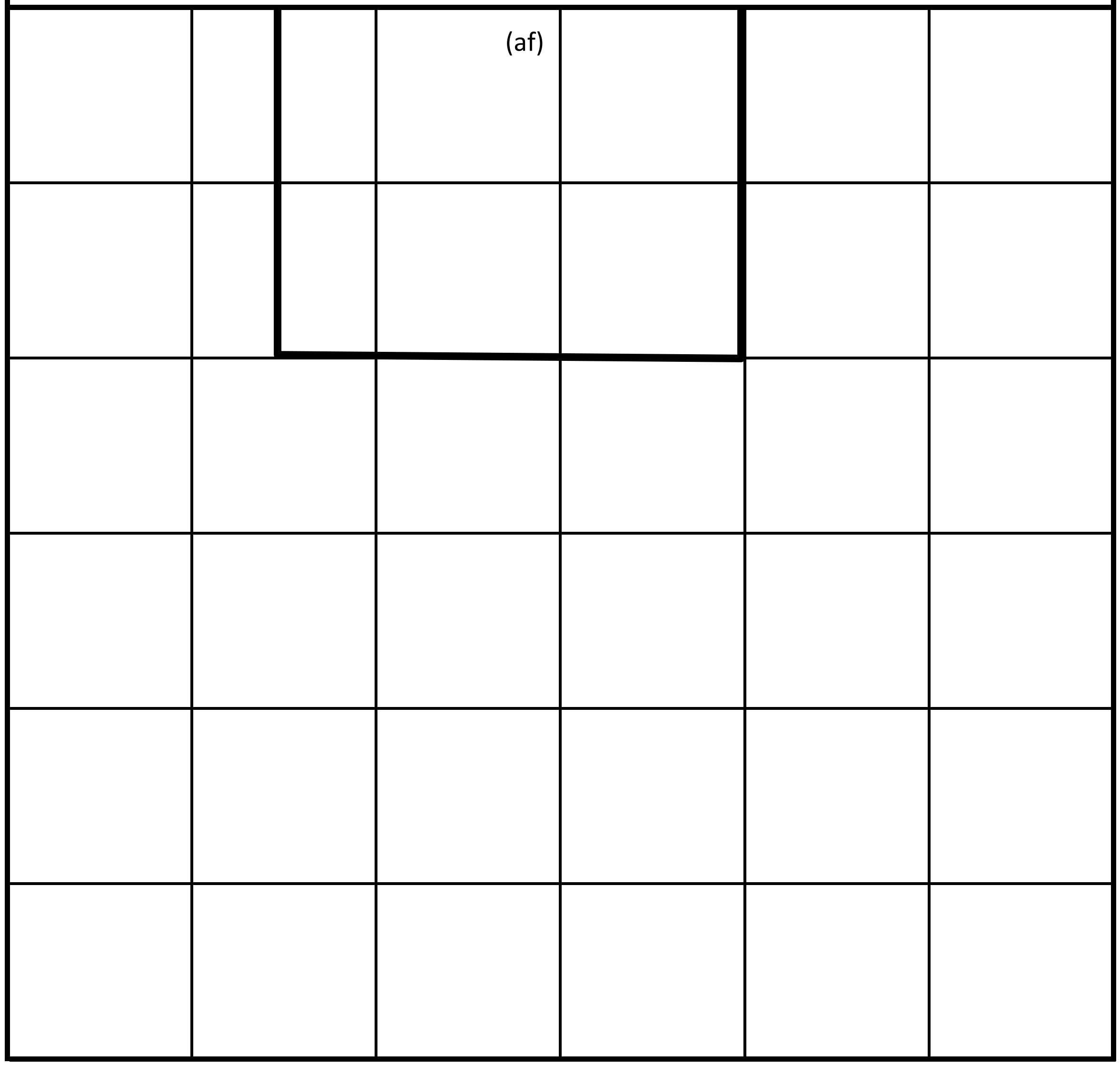
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-2' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **Refusal at two feet due to concrete slab** **TD: 2 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 1 feet



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Log of Exploratory Test Pit

Test Pit Number: 3

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

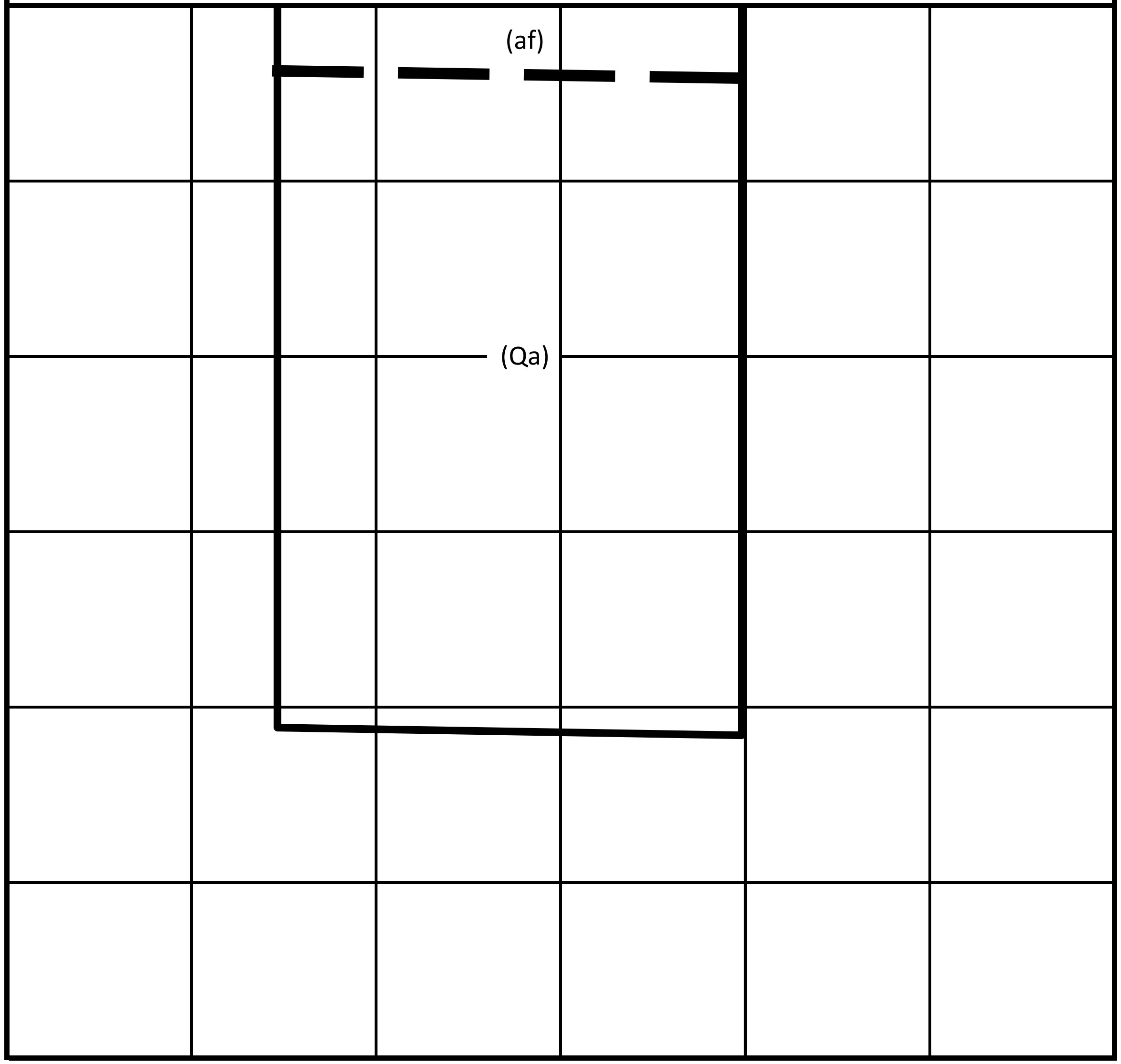
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-2' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **2-17' Quaternary Alluvium (Qa)** 1-10': Grey green blue Silty SAND to SAND with Silt, slightly moist, no cobbles or gravels, friable, medium dense 10-17': Grey green blue Silty SAND with Clay, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks, sparce black potential chunks of hydrocarbons 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



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Log of Exploratory Test Pit

Test Pit Number: 4

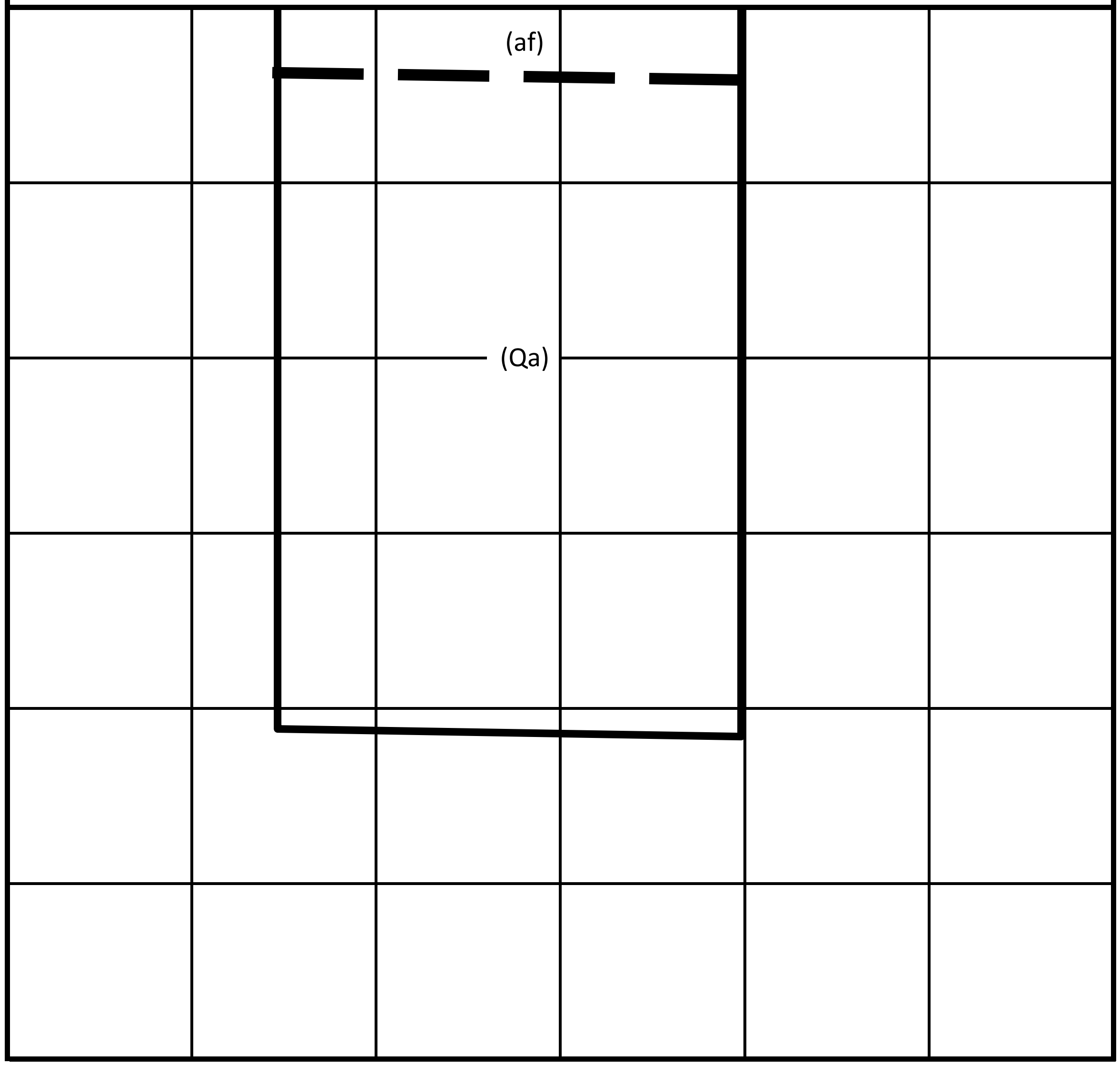
Date: 7/15/2020

Project Name: Solemo 13 Acres
Project Number: 20G-0418
Equipment: Backhoe
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA
Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-2' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **2-17' Quaternary Alluvium (Qa)** 1-10': light grey green blue Silty SAND to Sandy SILT, dry, no cobbles or gravels, friable, medium dense, micaceous 10-17': Grey green blue Silty SAND with Clay, micaceous, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks, sparce black potential chunks of hydrocarbons 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



Log of Exploratory Test Pit

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Test Pit Number: 5

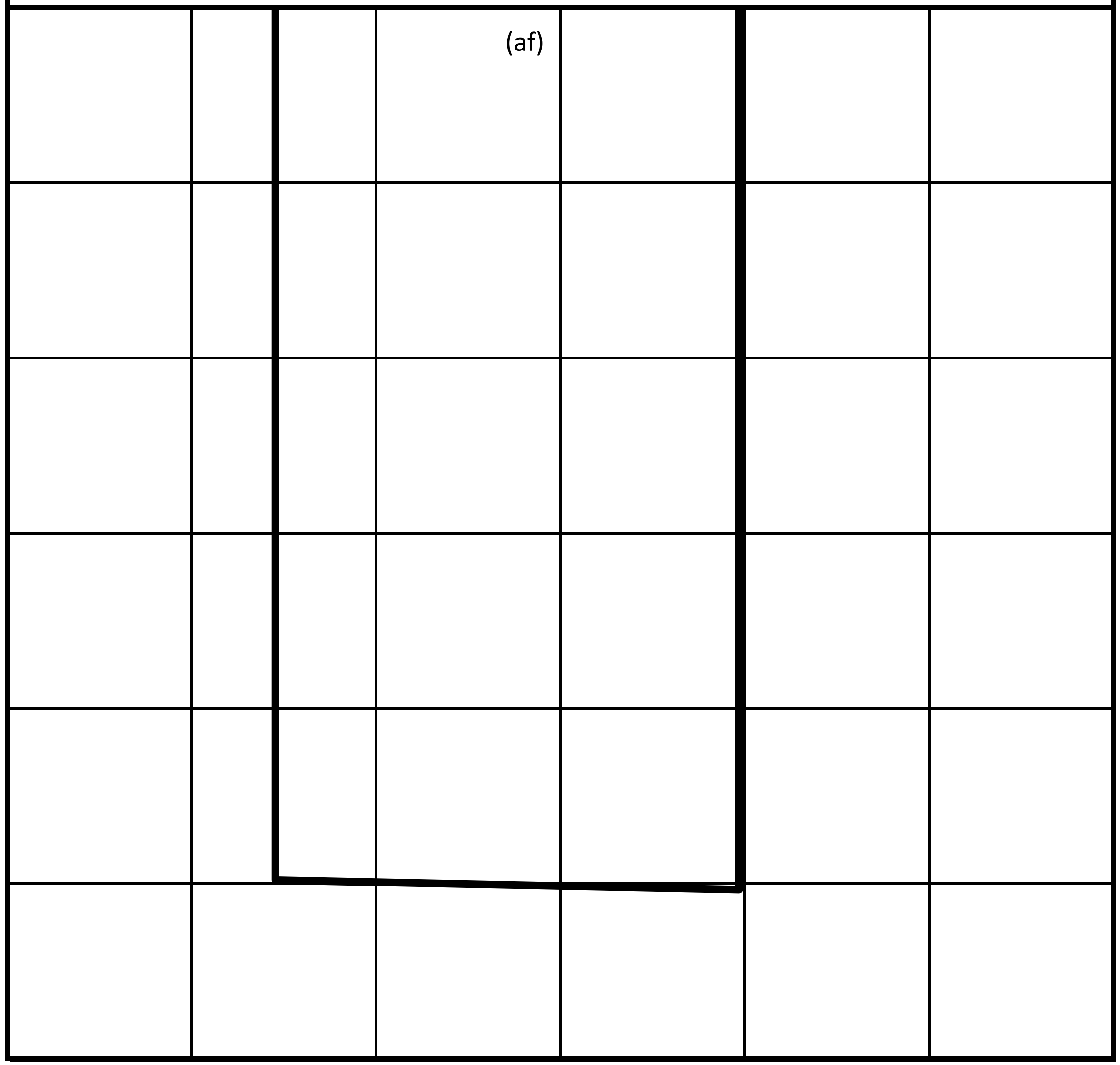
Date: 7/15/2020

Project Name: Solemo 13 Acres
Project Number: 20G-0418
Equipment: Backhoe
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA
Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-5' Artificial Fill (af)** Light medium brown Silty coarse SAND to coarse Sandy SILT with no cobbles, asphalt chunks, dry **Refusal at five feet due to concrete slab** **TD: 5 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 1 feet



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Log of Exploratory Test Pit

Test Pit Number: 6

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

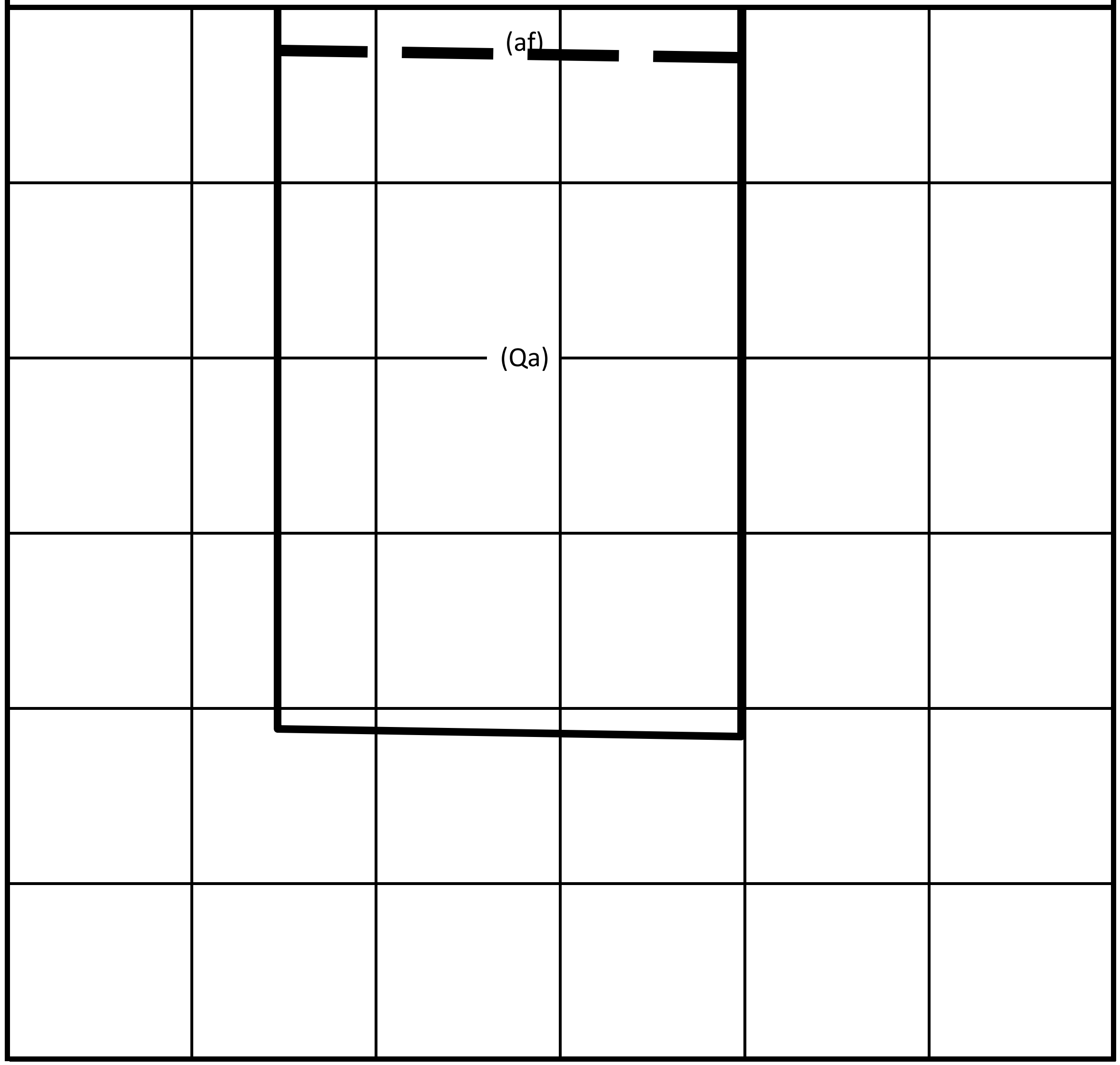
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-1' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **1-17' Quaternary Alluvium (Qa)** 1-10': light grey green blue Silty fine SAND to fine Sandy SILT, dry, no cobbles or gravels, friable, medium dense, micaceous, contamination begins at 3 feet 10-17': Grey green blue Silty fine SAND with Clay, micaceous, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks (somewhat sticky), black potential chunks/clumps of hydrocarbons 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



Test Pit Number: 7

Date: 7/15/2020

Log of Exploratory Test Pit

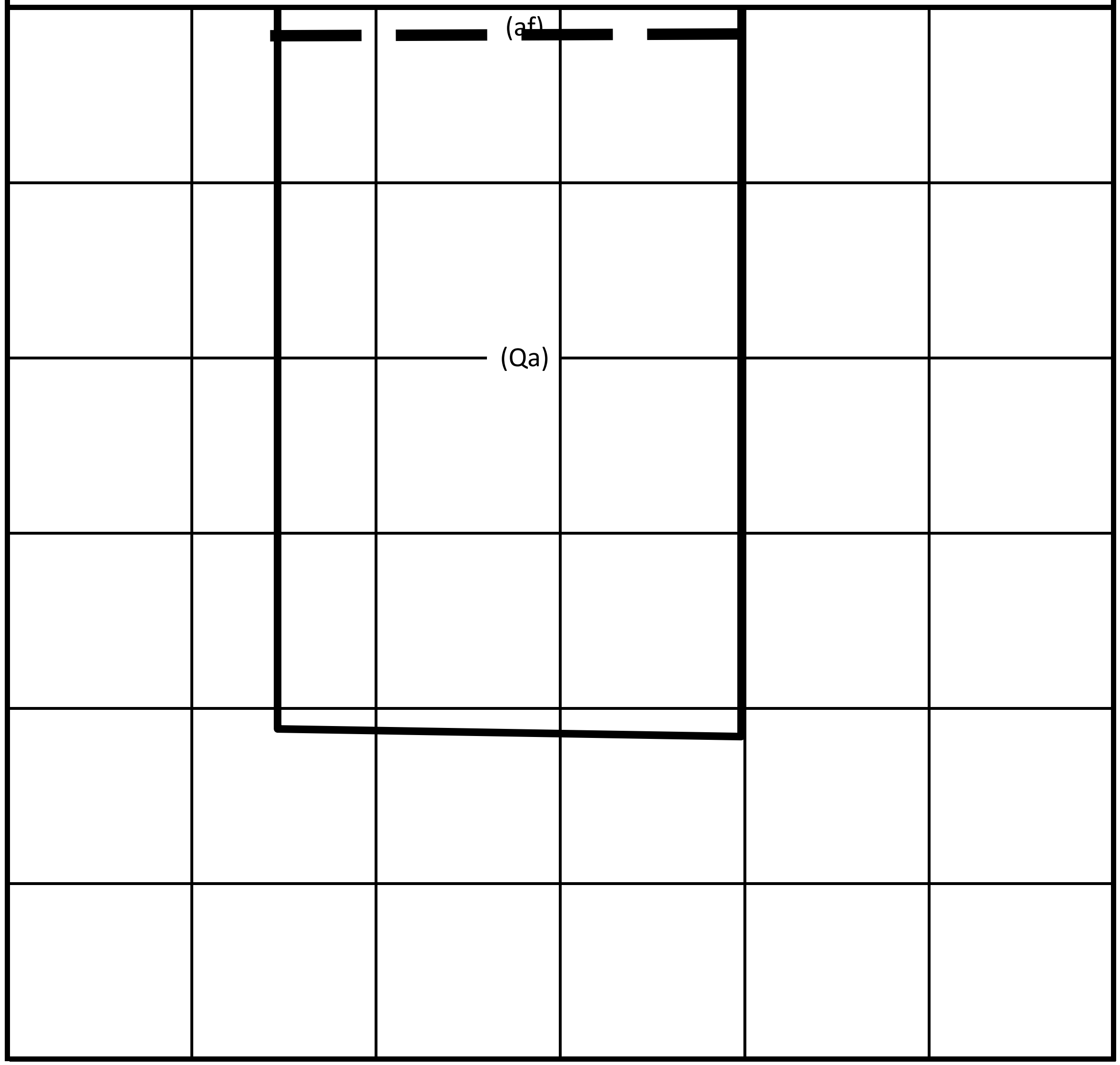
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Project Name: Solemo 13 Acres
Project Number: 20G-0418
Equipment: Backhoe
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA
Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-0.5'** **Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **0.5-17'** **Quaternary Alluvium (Qa)** 1-10': light grey green blue Silty fine SAND to fine Sandy SILT, dry, friable, medium dense, micaceous, contamination begins at 1 foot 10-17': Grey green blue Silty fine SAND with Clay, micaceous, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks (somewhat sticky), black potential chunks/clumps of hydrocarbons all the way to depth **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



Log of Exploratory Test Pit

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Test Pit Number: 8

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

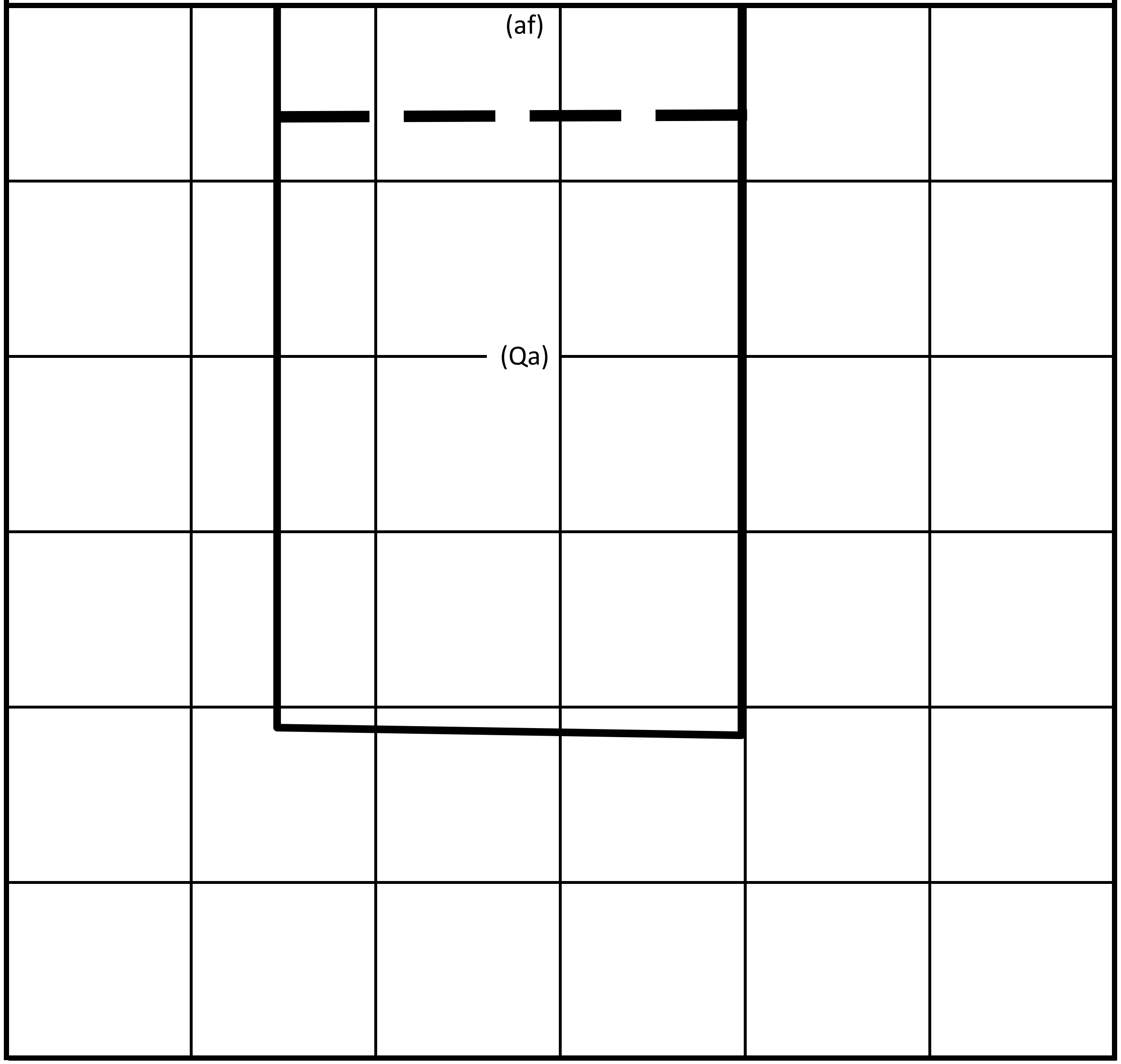
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base 0-1.5' **Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry 0.5-17' **Quaternary Alluvium (Qa)** 1-13': brown Silty fine SAND to fine Sandy SILT, dry, friable, medium dense, micaceous, contamination begins at 1 foot 13-17': Grey green blue Silty fine SAND with Clay, micaceous, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks (somewhat sticky), black potential chunks/clumps of hydrocarbons all the way to depth 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



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Log of Exploratory Test Pit

Test Pit Number: 9

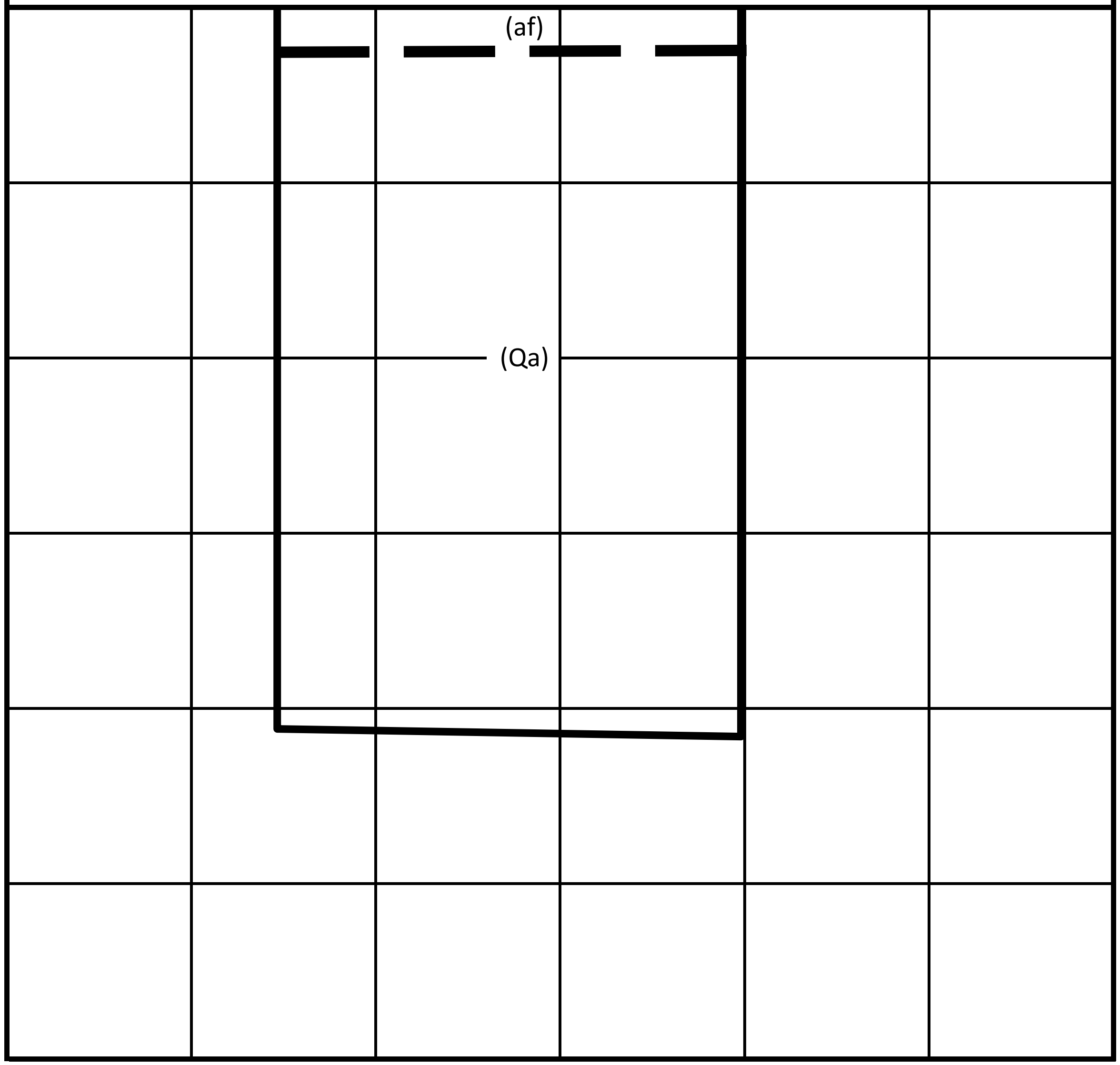
Date: 7/15/2020

Project Name: Solemo 13 Acres
Project Number: 20G-0418
Equipment: Backhoe
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA
Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt (2") with base
	0-1' **Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry
	1-17' **Quaternary Alluvium (Qa)** 1-17': light brown Silty SAND to Sandy SILT, slightly moist, friable, medium dense, micaceous, no detectable contamination/hydrocarbons 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent
	TD: 17 ft **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



APPENDIX B

LABORATORY TESTS

APPENDIX B

B-1.00 LABORATORY TESTS

B-1.01 Maximum Density

Maximum density - optimum moisture relationships for the major soil types encountered during the field exploration were performed in the laboratory using the standard procedures of ASTM D1557.

B-1.02 Particle Size Analysis

Particle size analysis was performed on a representative sample of the on-site soils in accordance with the standard test methods of the ASTM D422. The test results are included in this Appendix B.

B-1.03 Materials Finer than #200

Particle size analysis was performed on representative samples of the on-site soils in accordance with the standard test methods of the ASTM D1140. The test results are presented on the boring logs in Appendix A.

B-1.04 Expansion Tests

Expansion index tests were performed on representative samples of the major soil types encountered by the test methods outlined in ASTM D4829.

B-1.05 Soluble Sulfates

A test was performed on representative sample encountered during the investigation using the California Test Method 417.

B-1.06 Soil Reactivity (pH) and Minimum Resistivity

A near-surface soil samples were tested for soil reactivity (pH) and minimum electrical resistivity using California Test Method 643. The pH measurement determines the degree of acidity or alkalinity in the soils. The minimum resistivity is used as an indicator of how corrosive the soil is relative to buried metallic items.

B-1.07 Moisture Determination

Moisture content of the soil samples was performed in accordance to standard method for determination of water content of soil by drying oven, ASTM D2216. The mass of material remaining after oven drying is used as the mass of the solid particles.

B-1.08 Density of Split-Barrel Samples

The density of ring and tube samples, which were obtained using a split-barrel sampler, were determined in accordance with ASTM D2937. The results of these tests are provided on the boring logs in Appendix A.

B-1.09 Atterberg Limits

The liquid limit, plastic limit, and the plasticity index of the major soil types encountered in the test holes were determined using the standard test methods of ASTM D4318.

B-1.10 Direct Shear

Direct shear test was performed on a representative sample of the major soil types encountered in the test holes

using the standard test method of ASTM D3080 (consolidated and drained). Test was performed on remolded samples. Remolded samples were tested at 90 percent relative compaction. The test results are included in this Appendix B.

Shear tests were performed on a direct shear machine of the strain-controlled type. To simulate possible adverse field conditions, the samples were saturated prior to shearing. Several samples were sheared at varying normal loads and the results plotted to establish the angle of the internal friction and cohesion of the tested samples.

B-1.11 Test Results

Test results for all laboratory tests performed on the subject project are presented in this appendix. For a sample-by-sample description, see the logs presented in Appendix A.

MAXIMUM DENSITY - OPTIMUM MOISTURE

(Test Method: ASTM D1557)

Sample Number	Optimum Moisture (Percent)	Maximum Density (lbs/ft^3)
B1 @ 0-5 ft	9.7	120.1
B2 @ 0-5 ft	13.0	122.0
B3 @ 0-5 ft	10.2	121.9
B5 @ 0-5 ft	12.7	116.5

EXPANSION INDEX

(Test Method: ASTM D4829)

Sample Number	Expansion Index	Classification
B-1 @ 0-5 ft	0	Very Low
B-5 @ 0-5 ft	0	Very Low

SOLUBLE SULFATES

(California Test Methods: 417 & 422)

Sample Number	Soluble Sulfate (ppm)	Chloride Content (ppm)
B-2 @ 0-5 ft	46	36
B-4 @ 0-5 ft	61	26

SOIL REACTIVITY (pH) AND MINIMUM RESISTIVITY

(California Test Method: 643)

Sample Number	pH	Minimum Resistivity (Ohm-cm)
B-2 @ 0-5 ft	8.9	8658
B-4 @ 0-5 ft	8.7	3260

ATTERBERG LIMITS

(Test Method: ASTM D4318)

Sample Number	Liquid Limit (Percent)	Plastic Limit (Percent)	Plasticity Index (Percent)	Water Content (Percent)
B-3 @ 15 ft	42	37	5	12.5
B-6 @ 12.5 ft	61	54	7	54.5

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DIRECT SHEAR TEST
ASTM D3080

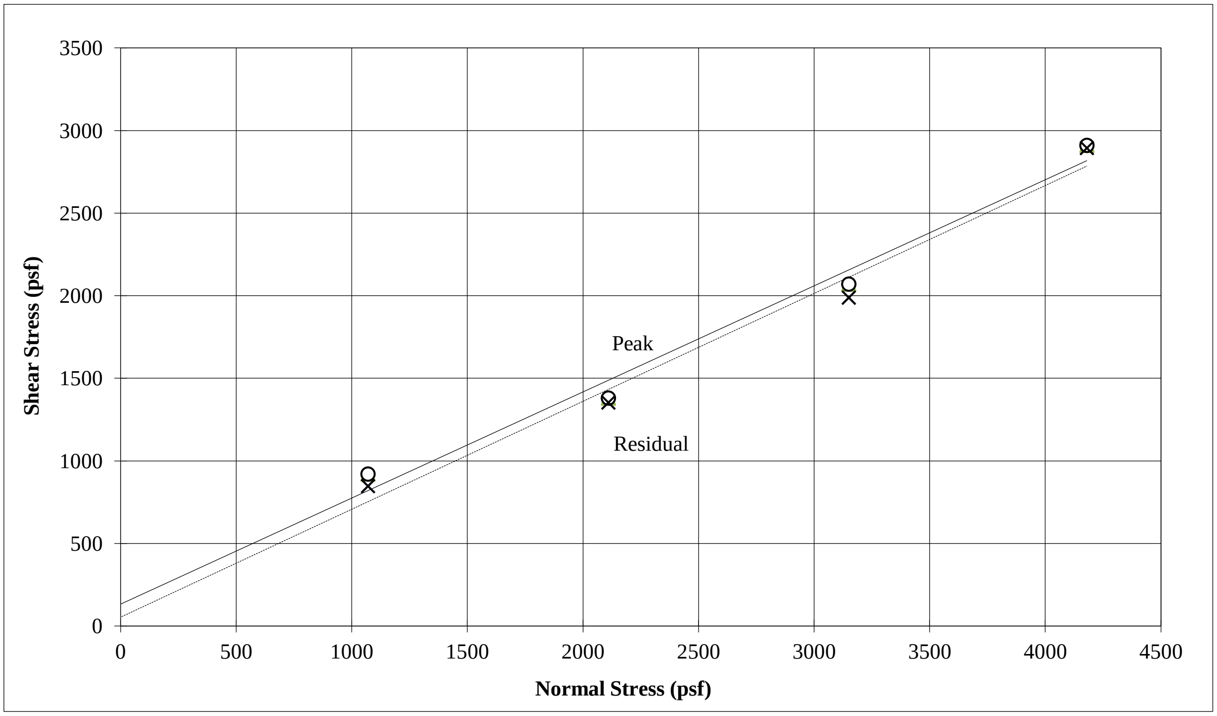
Remolded or Undisturbed: Remolded
Maximum Dry Density (pcf) = 122.0
Optimum Moisture Content (%) = 13.0

Project ID: 20G-0418-0
Initial Dry Density (pcf) = 110.4
Location: B2
Relative Compaction (%) = 90%
Depth: 0-5 feet
Initial Moisture Content (%) = 10.7%
Soil Description: Silty Sand
Final Moisture Content (%) = 24.6%

Diameter (in)	2.5
Area of sample (in^2)	4.91
Load Ring Constant (lb/in)	4010

Load Applied (g)	Normal Pressure (psf)	Peak		Residual	
		Dial Reading	Shear Resist (psf)	Dial Reading	Shear Resist (psf)
16615	1070	0.0078	920	0.0072	847
32600	2110	0.0117	1380	0.0115	1353
48674	3150	0.0176	2070	0.0169	1988
64681	4180	0.0247	2910	0.0246	2894

	Peak	Residual
Cohesion (psf) =	130	50
Friction Angle (deg) =	33	33



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APPENDIX C

GENERAL EARTHWORK
AND
GRADING SPECIFICATIONS

GENERAL EARTHWORK AND GRADING SPECIFICATIONS

C-1.00 GENERAL DESCRIPTION

C-1.01 Introduction

These specifications present our general recommendations for earthwork and grading as shown on the approved grading plans for the subject project. These specifications shall cover all clearing and grubbing, removal of existing structures, preparation of land to be filled, filling of the land, spreading, compaction and control of the fill, and all subsidiary work necessary to complete the grading of the filled areas to conform with the lines, grades and slopes as shown on the approved plans.

The recommendations contained in the geotechnical report of which these general specifications are a part of shall supersede the provisions contained hereinafter in case of conflict.

C-1.02 Laboratory Standard and Field Test Methods

The laboratory standard used to establish the maximum density and optimum moisture shall be ASTM D1557.

The insitu density of earth materials (field compaction tests) shall be determined by the sand cone method (ASTM D1556), direct transmission nuclear method (ASTM D2922) or other test methods as considered appropriate by the geotechnical consultant.

Relative compaction is defined, for purposes of these specifications, as the ratio of the in-place density to the maximum density as determined in the previously mentioned laboratory standard.

C-2.00 Clearing

C-2.01 Surface Clearing

All structures marked for removal, timber, logs, trees, brush and other rubbish shall be removed and disposed of off the site. Any trees to be removed shall be pulled in such a manner so as to remove as much of the root system as possible.

C-2.02 Subsurface Removals

A thorough search should be made for possible underground storage tanks and/or septic tanks and cesspools. If found, tanks should be removed and cesspools pumped dry.

Any concrete irrigation lines shall be crushed in place and all metal underground lines shall be removed from the site.

C-2.03 Backfill of Cavities

All cavities created or exposed during clearing and grubbing operations or by previous use of the site shall be cleared of deleterious material and backfilled with native soils or other materials approved by the soil engineer. Said backfill shall be compacted to a minimum of 90% relative compaction.

C-3.00 ORIGINAL GROUND PREPARATION

C-3.01 Stripping of Vegetation

After the site has been properly cleared, all vegetation and topsoil containing the root systems of former vegetation shall be stripped from areas to be graded. Materials removed in this stripping process may be used as fill in areas designated by the soil engineer, provided the vegetation is mixed with a sufficient amount of soil to assure that no appreciable settlement or other detriment will occur due to decaying of the organic matter. Soil materials containing more than 3% organics shall not be used as structural fill.

C-3.02 Removals of Non-Engineered Fills

Any non-engineered fills encountered during grading shall be completely removed and the underlying ground shall be prepared in accordance to the recommendations for original ground preparation contained in this section. After cleansing of any organic matter the fill material may be used for engineered fill.

C-3.03 Overexcavation of Fill Areas

The existing ground in all areas determined to be satisfactory for the support of fills shall be scarified to a minimum depth of 6 inches. Scarification shall continue until the soils are broken down and free from lumps or clods and until the scarified zone is uniform. The moisture content of the scarified zone shall be adjusted to within 2% of optimum moisture. The scarified zone shall then be uniformly compacted to 90% relative compaction.

Where fill material is to be placed on ground with slopes steeper than 5:1 (H:V) the sloping ground shall be benched. The lowermost bench shall be a minimum of 15 feet wide, shall be a minimum of 2 feet deep, and shall expose firm material as determined by the geotechnical consultant. Other benches shall be excavated to firm material as determined by the geotechnical consultant and shall have a minimum width of 4 feet.

Existing ground that is determined to be unsatisfactory for the support of fills shall be overexcavated in accordance to the recommendations contained in the geotechnical report of which these general specifications are a part.

C-4.00 FILL MATERIALS

C-4.01 General

Materials for the fill shall be free from vegetable matter and other deleterious substances, shall not contain rocks or lumps of a greater dimension than is recommended by the geotechnical consultant, and shall be approved by the geotechnical consultant. Soils of poor gradation, expansion, or strength properties shall be placed in areas designated by the geotechnical consultant or shall be mixed with other soils providing satisfactory fill material.

C-4.02 Oversize Material

Oversize material, rock, or other irreducible material with a maximum dimension greater than 12 inches shall not be placed in fills, unless the location, materials, and disposal methods are specifically approved by the geotechnical consultant. Oversize material shall be placed in such a manner that nesting of oversize material does not occur and in such a manner that the oversize material is completely surrounded by fill material compacted to a minimum of

90% relative compaction. Oversize material shall not be placed within 10 feet of finished grade without the approval of the geotechnical consultant.

C-4.03 Import

Material imported to the site shall conform to the requirements of Section 4.01 of these specifications. Potential import material shall be approved by the geotechnical consultant prior to importation to the subject site.

C-5.00 Placing and Spreading of Fill

C-5.01 Fill Lifts

The selected fill material shall be placed in nearly horizontal layers which when compacted will not exceed approximately 6 inches in thickness. Thicker lifts may be placed if testing indicates the compaction procedures are such that the required compaction is being achieved and the geotechnical consultant approves their use.
Each layer shall be spread evenly and shall be thoroughly blade mixed during the spreading to insure uniformity of material in each layer.

C-5.02 Fill Moisture

When the moisture content of the fill material is below that recommended by the soils engineer, water shall then be added until he moisture content is as specified to assure thorough bonding during the compacting process.

When the moisture content of the fill material is above that recommended by the soils engineer, the fill material shall be aerated by blading or other satisfactory methods until the moisture content is as specified.

C-5.03 Fill Compaction

After each layer has been placed, mixed, and spread evenly, it shall be thoroughly compacted to not less than 90% relative compaction. Compaction shall be by sheepsfoot rollers, multiple-wheel pneumatic tired rollers, or other types approved by the soil engineer.

Rolling shall be accomplished while the fill material is at the specified moisture content. Rolling of each layer shall be continuous over its entire area and the roller shall make sufficient trips to insure that the desired density has been obtained.

C-5.04 Fill Slopes

Fill slopes shall be compacted by means of sheepsfoot rollers or other suitable equipment. Compacting of the slopes may be done progressively in increments of 3 to 4 feet in fill height. At the completion of grading, the slope face shall be compacted to a minimum of 90% relative compaction. This may require track rolling or rolling with a grid roller attached to a tractor mounted side-boom.

Slopes may be over filled and cut back in such a manner that the exposed slope faces are compacted to a minimum of 90% relative compaction.

The fill operation shall be continued in six inch (6") compacted layers, or as specified above, until the fill has been brought to the finished slopes and grades as shown on the accepted plans.

C-5.05 Compaction Testing

Field density tests shall be made by the geotechnical consultant of the compaction of each layer of fill. Density tests shall be made at locations selected by the geotechnical consultant.

Frequency of field density tests shall be not less than one test for each 2.0 feet of fill height and at least every one thousand cubic yards of fill. Where fill slopes exceed four feet in height their finished faces shall be tested at a frequency of one test for each 1000 square feet of slope face.

Where sheepsfoot rollers are used, the soil may be disturbed to a depth of several inches. Density reading shall be taken in the compacted material below the disturbed surface. When these readings indicate that the density of any layer of fill or portion thereof is below the required density, the particular layer or portion shall be reworked until the required density has been obtained.

C-6.00 SUBDRAINS

C-6.01 Subdrain Material

Subdrains shall be constructed of a minimum 4-inch diameter pipe encased in a suitable filter material. The subdrain pipe shall be Schedule 40 Acrylonitrile Butadiene Styrene (ABS) or Schedule 40 Polyvinyl Chloride Plastic (PVC) pipe or approved equivalent. Subdrain pipe shall be installed with perforations down. Filter material shall consist of 3/4" to 1 1/2" clean gravel wrapped in an envelope of filter fabric consisting of Mirafi 140N or approved equivalent.

C-6.02 Subdrain Installation

Subdrain systems, if required, shall be installed in approved ground to conform the approximate alignment and details shown on the plans or herein. The subdrain locations shall not be changed or modified without the approval of the geotechnical consultant. The geotechnical consultant may recommend and direct changes in the subdrain line, grade or material upon approval by the design civil engineer and the appropriate governmental agencies.

C-7.00 EXCAVATIONS

C-7.01 General

Excavations and cut slopes shall be examined by the geotechnical consultant. If determined necessary by the geotechnical consultant, further excavation or overexcavation and refilling of overexcavated areas shall be performed, and/or remedial grading of cut slopes shall be performed.

C-7.02 Fill-Over-Cut Slopes

Where fill-over-cut slopes are to be graded the cut portion of the slope shall be made and approved by the geotechnical consultant prior to placement of materials for construction of the fill portion of the slope.

C-8.00 Trench Backfill

C-8.01 General

Trench backfill within street right of ways shall be compacted to 90% relative compaction as determined by the ASTM D1557 test method. Backfill may be jetted as a means of initial compaction; however, mechanical compaction will be required to obtain the required percentage of relative compaction. If trenches are jetted, there must be a suitable delay for drainage of excess water before mechanical compaction is applied.

C-9.00 Seasonal Limits

C-9.01 General

No fill material shall be placed, spread or rolled while it is frozen or thawing or during unfavorable weather conditions. When the work is interrupted by heavy rain, fill operations shall not be resumed until field tests by the soils engineer indicate that the moisture content and density of the fill are as previously specified.

C-10.00 Supervision

C-10.01 Prior to Grading

The site shall be observed by the geotechnical consultant upon completion of clearing and grubbing, prior to the preparation of any original ground for preparation of fill.

The supervisor of the grading contractor and the field representative of the geotechnical consultant shall have a meeting and discuss the geotechnical aspects of the earthwork prior to commencement of grading.

C-10.02 During Grading

Site preparation of all areas to receive fill shall be tested and approved by the geotechnical consultant prior to the placement of any fill.

The geotechnical consultant or his representative shall observe the fill and compaction operations so that he can provide an opinion regarding the conformance of the work to the recommendations

APPENDIX D

CPT SITE INVESTIGATION RESULTS

GREGG DRILLING, LLC
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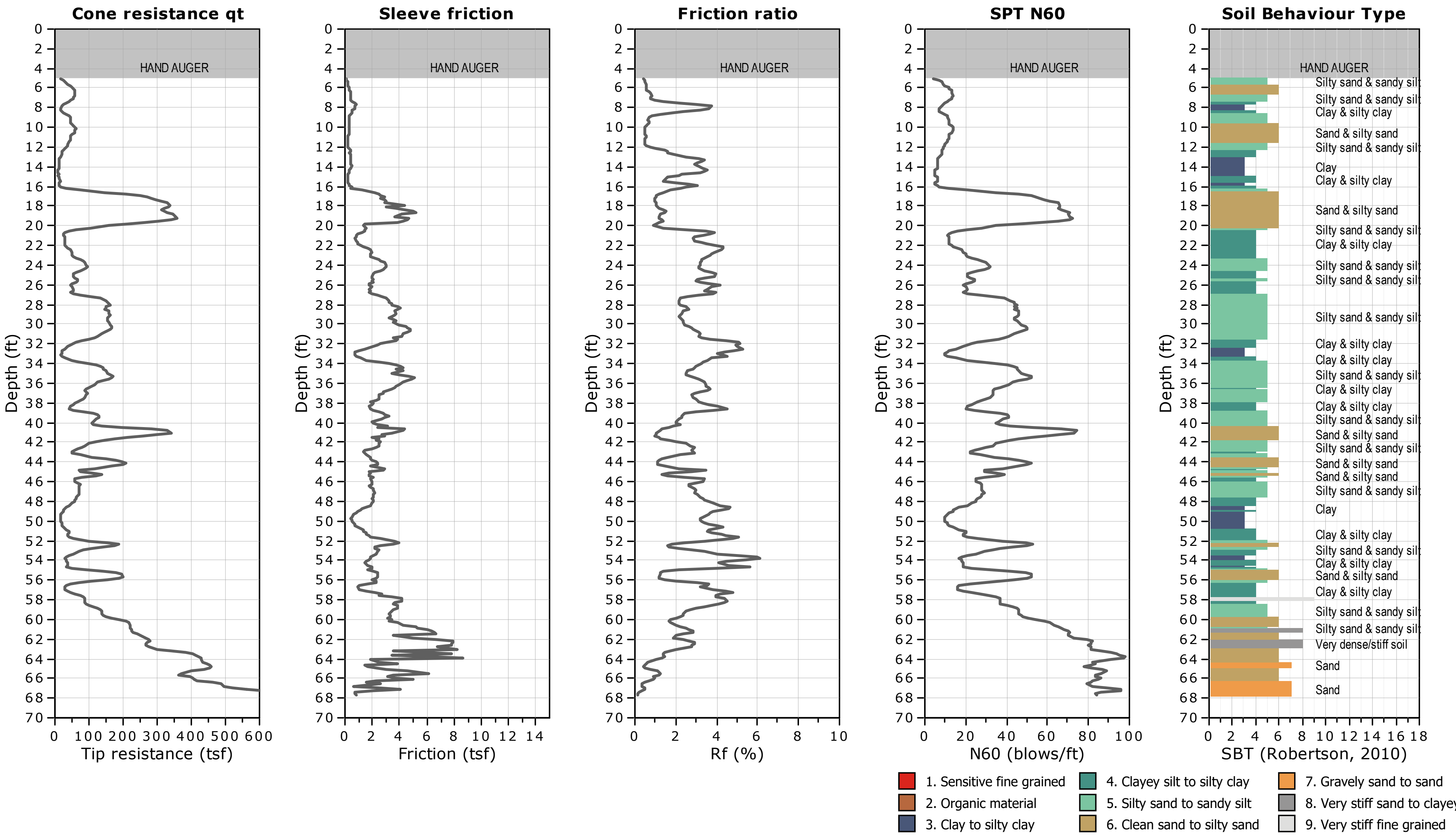
CPT-1

CLIENT: RMA GEOSCIENCE

SITE: SOLEMO, SOUTH EL MONTE, CA

FIELD REP: MARY

Total depth: 67.75 ft, Date: 8/19/2020



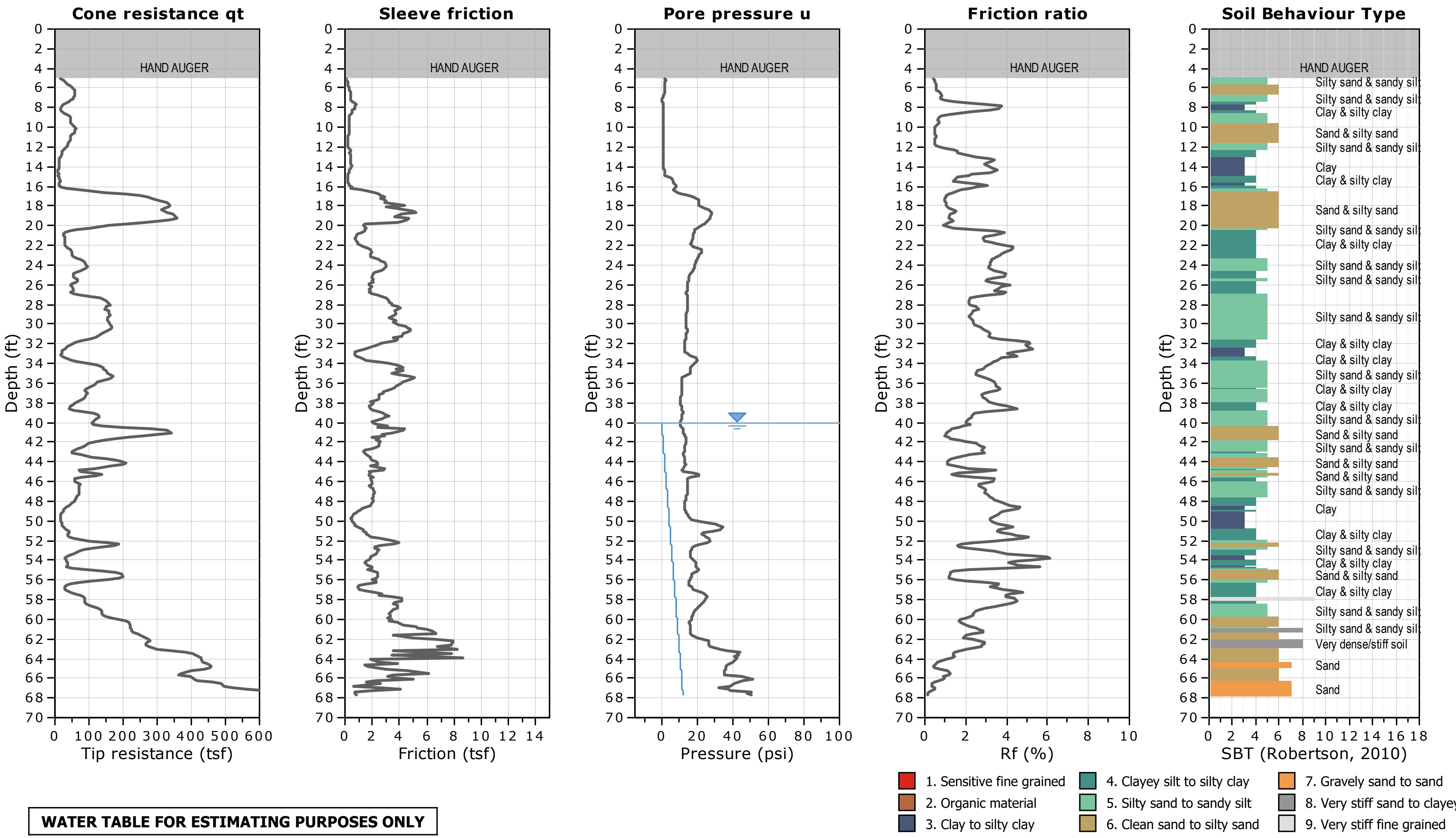
GREGG DRILLING, LLC
WWW.GREGGDRILLING.COM

CPT-1

CLIENT: RMA GEOSCIENCE **FIELD REP: MARY**

SITE: SOLEMO, SOUTH EL MONTE, CA

Total depth: 67.75 ft, Date: 8/19/2020



WATER TABLE FOR ESTIMATING PURPOSES ONLY

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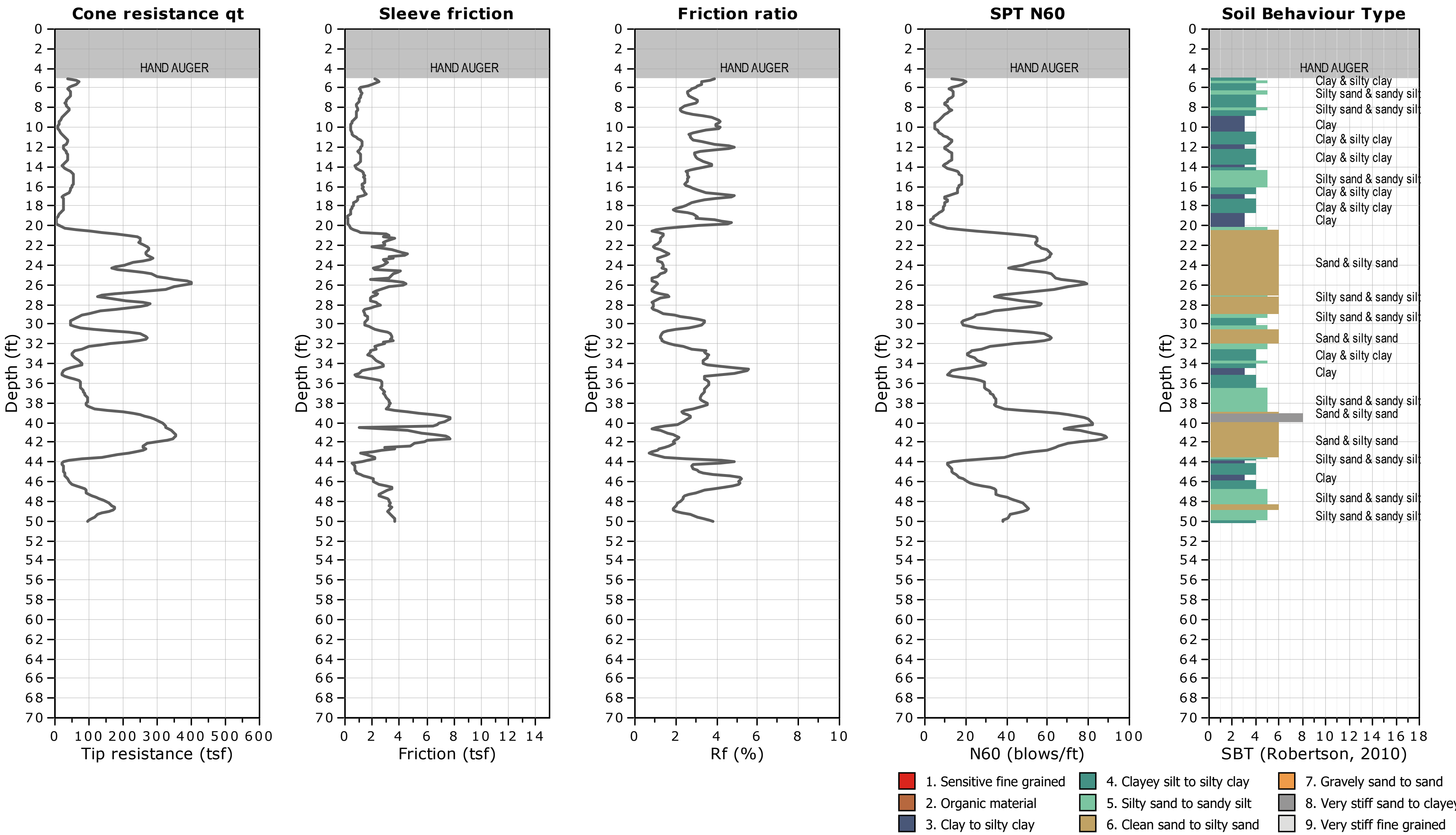
CPT: CPT-2

CLIENT: RMA GEOSCIENCE

SITE: SOLEMO, SOUTH EL MONTE, CA

FIELD REP: MARY

Total depth: 50.03 ft, Date: 8/19/2020



CPeT-IT v.19.0.1.24 - CPTU data presentation & interpretation software - Report created on: 8/26/2020, 10:39:38 AM
Project file: C:\CPT-2020\205082SH\REPORT\205082SH.cpt

GREGG DRILLING, LLC
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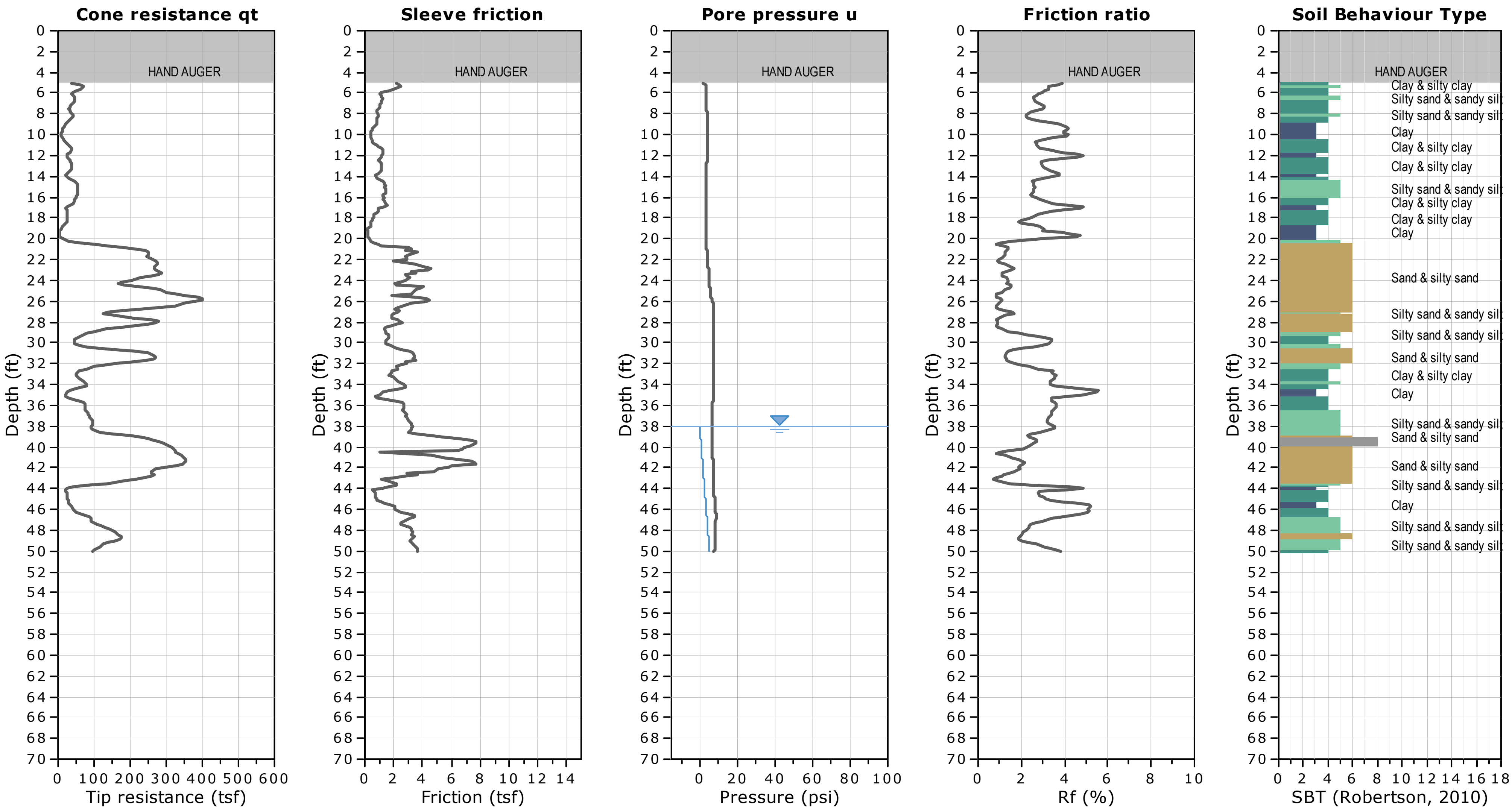
CPT: CPT-2

CLIENT: RMA GEOSCIENCE

SITE: SOLEMO, SOUTH EL MONTE, CA

FIELD REP: MARY

Total depth: 50.03 ft, Date: 8/19/2020



- 1. Sensitive fine grained
- 2. Organic material
- 3. Clay to silty clay
- 4. Clayey silt to silty clay
- 5. Silty sand to sandy silt
- 6. Clean sand to silty sand
- 7. Gravely sand to sand
- 8. Very stiff sand to clayey
- 9. Very stiff fine grained

WATER TABLE FOR ESTIMATING PURPOSES ONLY

GREGG DRILLING, LLC
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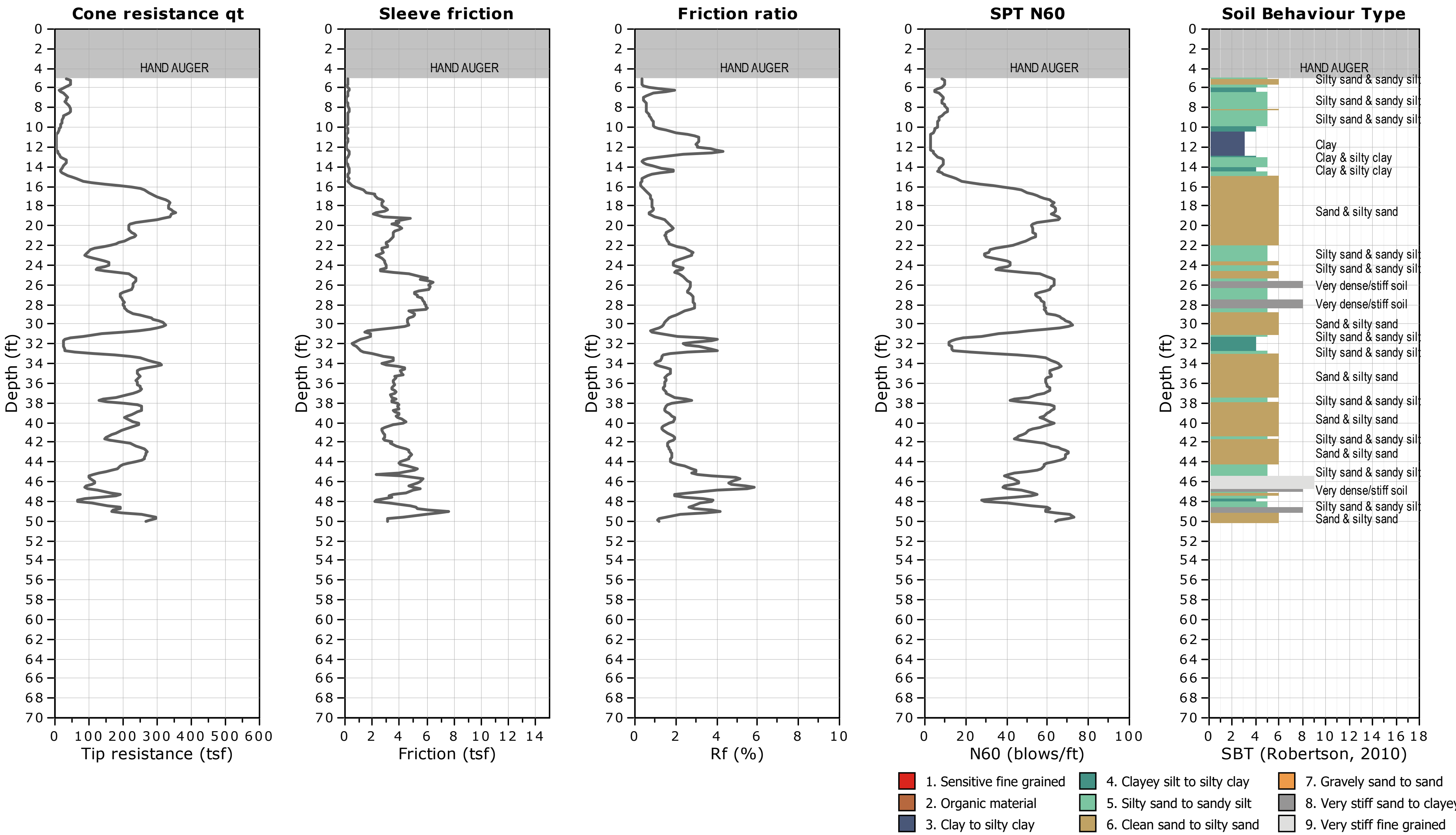
CPT: CPT-3

CLIENT: RMA GEOSCIENCE

SITE: SOLEMO, SOUTH EL MONTE, CA

FIELD REP: HARY

Total depth: 50.03 ft, Date: 8/19/2020



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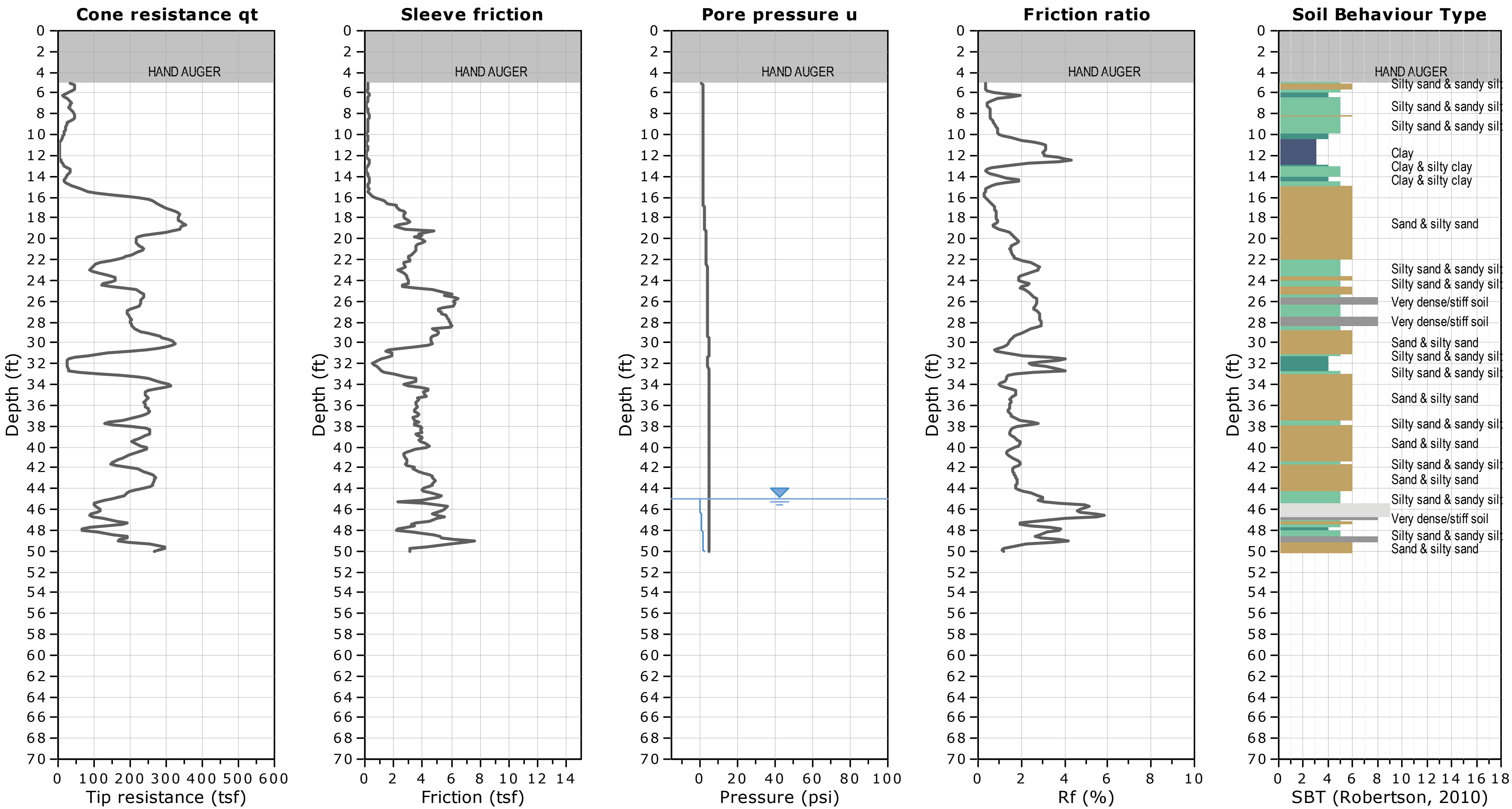
CPT: CPT-3

CLIENT: RMA GEOSCIENCE

SITE: SOLEMO, SOUTH EL MONTE, CA

FIELD REP: HARY

Total depth: 50.03 ft, Date: 8/19/2020



1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty clay
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to clayey
9. Very stiff fine grained

WATER TABLE FOR ESTIMATING PURPOSES ONLY

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APPENDIX E

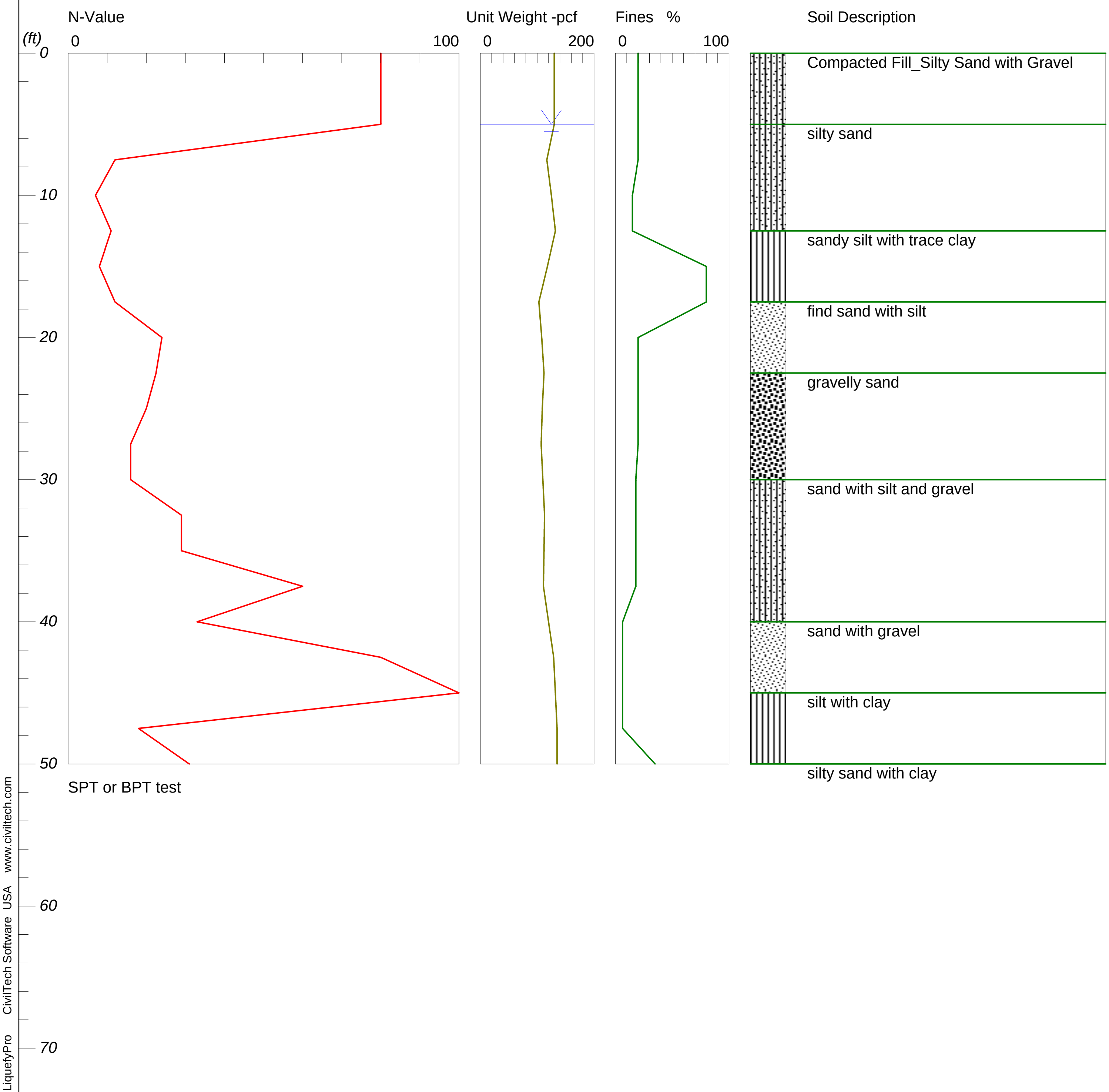
LIQUIFACTION AND SEISMIC SETTLEMENT ANALYSIS
(Figures and Analysis Summary)

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=B-3   Water Depth=5 ft   Surface Elev.=240

Magnitude=6.81
Acceleration=0.656g



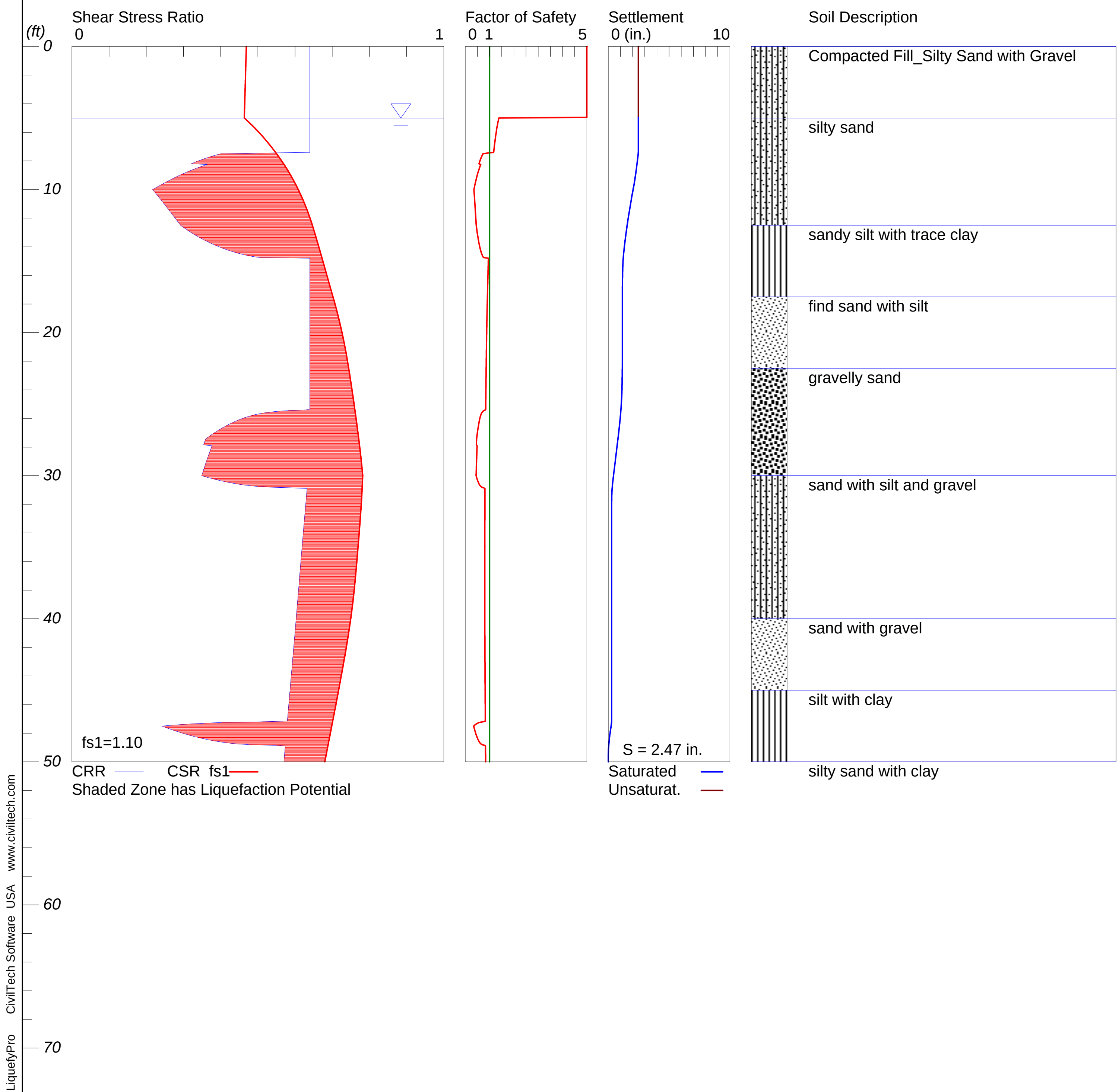
CivilTech Corporation   **20G-0418-0**

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=B-3 Water Depth=5 ft Surface Elev.=240

Magnitude=6.81
Acceleration=0.656g



CivilTech Corporation **20G-0418-0**

****
LIQUEFACTION ANALYSIS SUMMARY

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Title: Solemo 13 Acres
Subtitle: 20G-0418-0

Surface Elev.=240
Hole No.=B-3
Depth of Hole= 50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration= 0.66 g
Earthquake Magnitude= 6.81

Input Data:
Surface Elev.=240
Hole No.=B-3
Depth of Hole=50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration=0.66 g
Earthquake Magnitude=6.81
No-Liquefiable Soils: Based on Analysis

1. SPT or BPT Calculation.
2. Settlement Analysis Method: Tokimatsu, M-correction
3. Fines Correction for Liquefaction: Modify Stark/Olson
4. Fine Correction for Settlement: During Liquefaction*
5. Settlement Calculation in: All zones*
6. Hammer Energy Ratio, Ce = 1.25
7. Borehole Diameter, Cb= 1.15
8. Sampling Method, Cs= 1.2
9. User request factor of safety (apply to CSR) , User= 1.1
   Plot one CSR curve (fs1=User)
10. Use Curve Smoothing: Yes*
* Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
0.00	80.00	130.00	20.00
2.50	80.00	130.00	20.00
5.00	80.00	130.00	20.00
7.50	12.00	117.00	20.00
10.00	7.00	125.00	15.00
12.50	11.00	132.00	15.00
15.00	8.00	118.00	80.00
17.50	12.00	103.00	80.00
20.00	24.00	108.00	20.00
22.50	22.50	112.00	20.00

25.00	20.00	109.00	20.00
27.50	16.00	107.00	20.00
30.00	16.00	110.00	18.00
32.50	29.00	113.00	18.00
35.00	29.00	112.00	18.00
37.50	60.00	111.00	18.00
40.00	33.00	120.00	6.40
42.50	80.00	129.00	6.40
45.00	100.00	132.00	6.40
47.50	18.00	135.00	6.40
50.00	31.00	135.00	34.90

Output Results:

Settlement of Saturated Sands=2.47 in.
Settlement of Unsaturated Sands=0.01 in.
Total Settlement of Saturated and Unsaturated Sands=2.47 in.
Differential Settlement=1.236 to 1.632 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
0.00	0.64	0.47	5.00	2.47	0.01	2.47
0.05	0.64	0.47	5.00	2.47	0.01	2.47
0.10	0.64	0.47	5.00	2.47	0.01	2.47
0.15	0.64	0.47	5.00	2.47	0.01	2.47
0.20	0.64	0.47	5.00	2.47	0.01	2.47
0.25	0.64	0.47	5.00	2.47	0.01	2.47
0.30	0.64	0.47	5.00	2.47	0.01	2.47
0.35	0.64	0.47	5.00	2.47	0.01	2.47
0.40	0.64	0.47	5.00	2.47	0.01	2.47
0.45	0.64	0.47	5.00	2.47	0.01	2.47
0.50	0.64	0.47	5.00	2.47	0.01	2.47
0.55	0.64	0.47	5.00	2.47	0.01	2.47
0.60	0.64	0.47	5.00	2.47	0.01	2.47
0.65	0.64	0.47	5.00	2.47	0.01	2.47
0.70	0.64	0.47	5.00	2.47	0.01	2.47
0.75	0.64	0.47	5.00	2.47	0.01	2.47
0.80	0.64	0.47	5.00	2.47	0.01	2.47
0.85	0.64	0.47	5.00	2.47	0.01	2.47
0.90	0.64	0.47	5.00	2.47	0.01	2.47
0.95	0.64	0.47	5.00	2.47	0.01	2.47
1.00	0.64	0.47	5.00	2.47	0.01	2.47
1.05	0.64	0.47	5.00	2.47	0.01	2.47
1.10	0.64	0.47	5.00	2.47	0.01	2.47
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1.20	0.64	0.47	5.00	2.47	0.01	2.47
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1.50	0.64	0.47	5.00	2.47	0.01	2.47
1.55	0.64	0.47	5.00	2.47	0.01	2.47
1.60	0.64	0.47	5.00	2.47	0.01	2.47
1.65	0.64	0.47	5.00	2.47	0.01	2.47
1.70	0.64	0.47	5.00	2.47	0.01	2.47
1.75	0.64	0.47	5.00	2.47	0.01	2.47
1.80	0.64	0.47	5.00	2.47	0.00	2.47
1.85	0.64	0.47	5.00	2.47	0.00	2.47
1.90	0.64	0.47	5.00	2.47	0.00	2.47
1.95	0.64	0.47	5.00	2.47	0.00	2.47
2.00	0.64	0.47	5.00	2.47	0.00	2.47

2.05	0.64	0.47	5.00	2.47	0.00	2.47
2.10	0.64	0.47	5.00	2.47	0.00	2.47
2.15	0.64	0.47	5.00	2.47	0.00	2.47
2.20	0.64	0.47	5.00	2.47	0.00	2.47
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2.65	0.64	0.47	5.00	2.47	0.00	2.47
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2.75	0.64	0.47	5.00	2.47	0.00	2.47
2.80	0.64	0.47	5.00	2.47	0.00	2.47
2.85	0.64	0.47	5.00	2.47	0.00	2.47
2.90	0.64	0.47	5.00	2.47	0.00	2.47
2.95	0.64	0.47	5.00	2.47	0.00	2.47
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3.35	0.64	0.47	5.00	2.47	0.00	2.47
3.40	0.64	0.47	5.00	2.47	0.00	2.47
3.45	0.64	0.47	5.00	2.47	0.00	2.47
3.50	0.64	0.47	5.00	2.47	0.00	2.47
3.55	0.64	0.47	5.00	2.47	0.00	2.47
3.60	0.64	0.47	5.00	2.47	0.00	2.47
3.65	0.64	0.47	5.00	2.47	0.00	2.47
3.70	0.64	0.46	5.00	2.47	0.00	2.47
3.75	0.64	0.46	5.00	2.47	0.00	2.47
3.80	0.64	0.46	5.00	2.47	0.00	2.47
3.85	0.64	0.46	5.00	2.47	0.00	2.47
3.90	0.64	0.46	5.00	2.47	0.00	2.47
3.95	0.64	0.46	5.00	2.47	0.00	2.47
4.00	0.64	0.46	5.00	2.47	0.00	2.47
4.05	0.64	0.46	5.00	2.47	0.00	2.47
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4.40	0.64	0.46	5.00	2.47	0.00	2.47
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4.55	0.64	0.46	5.00	2.47	0.00	2.47
4.60	0.64	0.46	5.00	2.47	0.00	2.47
4.65	0.64	0.46	5.00	2.47	0.00	2.47
4.70	0.64	0.46	5.00	2.47	0.00	2.47
4.75	0.64	0.46	5.00	2.47	0.00	2.47
4.80	0.64	0.46	5.00	2.47	0.00	2.47
4.85	0.64	0.46	5.00	2.47	0.00	2.47
4.90	0.64	0.46	5.00	2.47	0.00	2.47
4.95	0.64	0.46	5.00	2.47	0.00	2.47
5.00	0.64	0.46	1.38	2.47	0.00	2.47
5.05	0.64	0.47	1.37	2.47	0.00	2.47
5.10	0.64	0.47	1.37	2.47	0.00	2.47
5.15	0.64	0.47	1.36	2.47	0.00	2.47

5.20	0.64	0.47	1.36	2.47	0.00	2.47
5.25	0.64	0.47	1.35	2.47	0.00	2.47
5.30	0.64	0.48	1.34	2.47	0.00	2.47
5.35	0.64	0.48	1.34	2.47	0.00	2.47
5.40	0.64	0.48	1.33	2.47	0.00	2.47
5.45	0.64	0.48	1.33	2.47	0.00	2.47
5.50	0.64	0.48	1.32	2.47	0.00	2.47
5.55	0.64	0.49	1.32	2.47	0.00	2.47
5.60	0.64	0.49	1.31	2.47	0.00	2.47
5.65	0.64	0.49	1.31	2.47	0.00	2.47
5.70	0.64	0.49	1.30	2.47	0.00	2.47
5.75	0.64	0.49	1.30	2.47	0.00	2.47
5.80	0.64	0.50	1.29	2.47	0.00	2.47
5.85	0.64	0.50	1.29	2.47	0.00	2.47
5.90	0.64	0.50	1.28	2.47	0.00	2.47
5.95	0.64	0.50	1.28	2.47	0.00	2.47
6.00	0.64	0.50	1.27	2.47	0.00	2.47
6.05	0.64	0.50	1.27	2.47	0.00	2.47
6.10	0.64	0.51	1.26	2.47	0.00	2.47
6.15	0.64	0.51	1.26	2.47	0.00	2.47
6.20	0.64	0.51	1.26	2.47	0.00	2.47
6.25	0.64	0.51	1.25	2.47	0.00	2.47
6.30	0.64	0.51	1.25	2.47	0.00	2.47
6.35	0.64	0.51	1.24	2.47	0.00	2.47
6.40	0.64	0.52	1.24	2.47	0.00	2.47
6.45	0.64	0.52	1.23	2.47	0.00	2.47
6.50	0.64	0.52	1.23	2.47	0.00	2.47
6.55	0.64	0.52	1.23	2.47	0.00	2.47
6.60	0.64	0.52	1.22	2.47	0.00	2.47
6.65	0.64	0.52	1.22	2.47	0.00	2.47
6.70	0.64	0.53	1.22	2.47	0.00	2.47
6.75	0.64	0.53	1.21	2.47	0.00	2.47
6.80	0.64	0.53	1.21	2.47	0.00	2.47
6.85	0.64	0.53	1.20	2.47	0.00	2.47
6.90	0.64	0.53	1.20	2.47	0.00	2.47
6.95	0.64	0.53	1.20	2.47	0.00	2.47
7.00	0.64	0.54	1.19	2.47	0.00	2.47
7.05	0.64	0.54	1.19	2.47	0.00	2.47
7.10	0.64	0.54	1.19	2.47	0.00	2.47
7.15	0.64	0.54	1.18	2.47	0.00	2.47
7.20	0.64	0.54	1.18	2.47	0.00	2.47
7.25	0.64	0.54	1.18	2.47	0.00	2.47
7.30	0.64	0.54	1.17	2.47	0.00	2.47
7.35	0.64	0.55	1.17	2.47	0.00	2.47
7.40	0.64	0.55	1.17	2.47	0.00	2.47
7.45	0.50	0.55	0.91*	2.46	0.00	2.46
7.50	0.40	0.55	0.73*	2.46	0.00	2.46
7.55	0.39	0.55	0.71*	2.45	0.00	2.45
7.60	0.39	0.55	0.70*	2.45	0.00	2.45
7.65	0.38	0.55	0.68*	2.44	0.00	2.44
7.70	0.37	0.56	0.67*	2.43	0.00	2.43
7.75	0.37	0.56	0.66*	2.43	0.00	2.43
7.80	0.36	0.56	0.65*	2.42	0.00	2.42
7.85	0.36	0.56	0.63*	2.41	0.00	2.41
7.90	0.35	0.56	0.62*	2.41	0.00	2.41
7.95	0.34	0.56	0.61*	2.40	0.00	2.40
8.00	0.34	0.56	0.60*	2.39	0.00	2.39
8.05	0.33	0.57	0.59*	2.38	0.00	2.38
8.10	0.33	0.57	0.58*	2.38	0.00	2.38
8.15	0.33	0.57	0.57*	2.37	0.00	2.37
8.20	0.32	0.57	0.56*	2.36	0.00	2.36
8.25	0.36	0.57	0.64*	2.35	0.00	2.35
8.30	0.36	0.57	0.63*	2.35	0.00	2.35

8.35	0.35	0.57	0.61*	2.34	0.00	2.34
8.40	0.35	0.57	0.60*	2.33	0.00	2.33
8.45	0.34	0.58	0.59*	2.32	0.00	2.32
8.50	0.34	0.58	0.58*	2.32	0.00	2.32
8.55	0.33	0.58	0.57*	2.31	0.00	2.31
8.60	0.33	0.58	0.56*	2.30	0.00	2.30
8.65	0.32	0.58	0.55*	2.29	0.00	2.29
8.70	0.32	0.58	0.54*	2.29	0.00	2.29
8.75	0.31	0.58	0.53*	2.28	0.00	2.28
8.80	0.31	0.58	0.53*	2.27	0.00	2.27
8.85	0.30	0.58	0.52*	2.26	0.00	2.26
8.90	0.30	0.59	0.51*	2.25	0.00	2.25
8.95	0.29	0.59	0.50*	2.24	0.00	2.24
9.00	0.29	0.59	0.49*	2.24	0.00	2.24
9.05	0.29	0.59	0.48*	2.23	0.00	2.23
9.10	0.28	0.59	0.48*	2.22	0.00	2.22
9.15	0.28	0.59	0.47*	2.21	0.00	2.21
9.20	0.27	0.59	0.46*	2.20	0.00	2.20
9.25	0.27	0.59	0.45*	2.19	0.00	2.19
9.30	0.27	0.59	0.45*	2.18	0.00	2.18
9.35	0.26	0.60	0.44*	2.17	0.00	2.17
9.40	0.26	0.60	0.43*	2.16	0.00	2.16
9.45	0.26	0.60	0.43*	2.15	0.00	2.15
9.50	0.25	0.60	0.42*	2.14	0.00	2.14
9.55	0.25	0.60	0.41*	2.13	0.00	2.13
9.60	0.24	0.60	0.41*	2.12	0.00	2.12
9.65	0.24	0.60	0.40*	2.11	0.00	2.11
9.70	0.24	0.60	0.39*	2.10	0.00	2.10
9.75	0.23	0.60	0.39*	2.09	0.00	2.09
9.80	0.23	0.60	0.38*	2.08	0.00	2.08
9.85	0.23	0.61	0.38*	2.07	0.00	2.07
9.90	0.22	0.61	0.37*	2.06	0.00	2.06
9.95	0.22	0.61	0.36*	2.05	0.00	2.05
10.00	0.22	0.61	0.36*	2.04	0.00	2.04
10.05	0.22	0.61	0.36*	2.03	0.00	2.03
10.10	0.22	0.61	0.36*	2.02	0.00	2.02
10.15	0.22	0.61	0.36*	2.01	0.00	2.01
10.20	0.22	0.61	0.36*	2.00	0.00	2.00
10.25	0.23	0.61	0.37*	1.99	0.00	1.99
10.30	0.23	0.61	0.37*	1.98	0.00	1.98
10.35	0.23	0.62	0.37*	1.96	0.00	1.96
10.40	0.23	0.62	0.37*	1.95	0.00	1.95
10.45	0.23	0.62	0.38*	1.94	0.00	1.94
10.50	0.23	0.62	0.38*	1.93	0.00	1.93
10.55	0.23	0.62	0.38*	1.92	0.00	1.92
10.60	0.24	0.62	0.38*	1.91	0.00	1.91
10.65	0.24	0.62	0.38*	1.90	0.00	1.90
10.70	0.24	0.62	0.38*	1.89	0.00	1.89
10.75	0.24	0.62	0.39*	1.88	0.00	1.88
10.80	0.24	0.62	0.39*	1.87	0.00	1.87
10.85	0.24	0.62	0.39*	1.86	0.00	1.86
10.90	0.25	0.62	0.39*	1.85	0.00	1.85
10.95	0.25	0.63	0.39*	1.84	0.00	1.84
11.00	0.25	0.63	0.40*	1.83	0.00	1.83
11.05	0.25	0.63	0.40*	1.82	0.00	1.82
11.10	0.25	0.63	0.40*	1.81	0.00	1.81
11.15	0.25	0.63	0.40*	1.80	0.00	1.80
11.20	0.25	0.63	0.40*	1.79	0.00	1.79
11.25	0.26	0.63	0.41*	1.78	0.00	1.78
11.30	0.26	0.63	0.41*	1.77	0.00	1.77
11.35	0.26	0.63	0.41*	1.76	0.00	1.76
11.40	0.26	0.63	0.41*	1.75	0.00	1.75
11.45	0.26	0.63	0.41*	1.74	0.00	1.74

11.50	0.26	0.63	0.42*	1.73	0.00	1.73
11.55	0.26	0.63	0.42*	1.72	0.00	1.72
11.60	0.27	0.63	0.42*	1.71	0.00	1.71
11.65	0.27	0.64	0.42*	1.70	0.00	1.70
11.70	0.27	0.64	0.42*	1.69	0.00	1.69
11.75	0.27	0.64	0.42*	1.68	0.00	1.68
11.80	0.27	0.64	0.43*	1.68	0.00	1.68
11.85	0.27	0.64	0.43*	1.67	0.00	1.67
11.90	0.27	0.64	0.43*	1.66	0.00	1.66
11.95	0.28	0.64	0.43*	1.65	0.00	1.65
12.00	0.28	0.64	0.43*	1.64	0.00	1.64
12.05	0.28	0.64	0.44*	1.63	0.00	1.63
12.10	0.28	0.64	0.44*	1.62	0.00	1.62
12.15	0.28	0.64	0.44*	1.61	0.00	1.61
12.20	0.28	0.64	0.44*	1.60	0.00	1.60
12.25	0.29	0.64	0.44*	1.59	0.00	1.59
12.30	0.29	0.64	0.44*	1.59	0.00	1.59
12.35	0.29	0.64	0.45*	1.58	0.00	1.58
12.40	0.29	0.65	0.45*	1.57	0.00	1.57
12.45	0.29	0.65	0.45*	1.56	0.00	1.56
12.50	0.29	0.65	0.45*	1.55	0.00	1.55
12.55	0.30	0.65	0.46*	1.54	0.00	1.54
12.60	0.30	0.65	0.46*	1.53	0.00	1.53
12.65	0.30	0.65	0.46*	1.53	0.00	1.53
12.70	0.30	0.65	0.47*	1.52	0.00	1.52
12.75	0.31	0.65	0.47*	1.51	0.00	1.51
12.80	0.31	0.65	0.47*	1.50	0.00	1.50
12.85	0.31	0.65	0.48*	1.49	0.00	1.49
12.90	0.31	0.65	0.48*	1.48	0.00	1.48
12.95	0.32	0.65	0.49*	1.48	0.00	1.48
13.00	0.32	0.65	0.49*	1.47	0.00	1.47
13.05	0.32	0.65	0.50*	1.46	0.00	1.46
13.10	0.33	0.65	0.50*	1.45	0.00	1.45
13.15	0.33	0.65	0.50*	1.44	0.00	1.44
13.20	0.33	0.65	0.51*	1.44	0.00	1.44
13.25	0.34	0.66	0.51*	1.43	0.00	1.43
13.30	0.34	0.66	0.52*	1.42	0.00	1.42
13.35	0.34	0.66	0.52*	1.41	0.00	1.41
13.40	0.35	0.66	0.53*	1.41	0.00	1.41
13.45	0.35	0.66	0.53*	1.40	0.00	1.40
13.50	0.35	0.66	0.54*	1.39	0.00	1.39
13.55	0.36	0.66	0.54*	1.38	0.00	1.38
13.60	0.36	0.66	0.55*	1.38	0.00	1.38
13.65	0.37	0.66	0.55*	1.37	0.00	1.37
13.70	0.37	0.66	0.56*	1.36	0.00	1.36
13.75	0.37	0.66	0.56*	1.36	0.00	1.36
13.80	0.38	0.66	0.57*	1.35	0.00	1.35
13.85	0.38	0.66	0.58*	1.34	0.00	1.34
13.90	0.39	0.66	0.58*	1.34	0.00	1.34
13.95	0.39	0.66	0.59*	1.33	0.00	1.33
14.00	0.40	0.66	0.60*	1.32	0.00	1.32
14.05	0.40	0.66	0.60*	1.32	0.00	1.32
14.10	0.41	0.66	0.61*	1.31	0.00	1.31
14.15	0.41	0.67	0.62*	1.30	0.00	1.30
14.20	0.42	0.67	0.62*	1.30	0.00	1.30
14.25	0.42	0.67	0.63*	1.29	0.00	1.29
14.30	0.43	0.67	0.64*	1.28	0.00	1.28
14.35	0.43	0.67	0.65*	1.28	0.00	1.28
14.40	0.44	0.67	0.66*	1.27	0.00	1.27
14.45	0.45	0.67	0.67*	1.27	0.00	1.27
14.50	0.45	0.67	0.68*	1.26	0.00	1.26
14.55	0.46	0.67	0.69*	1.25	0.00	1.25
14.60	0.47	0.67	0.70*	1.25	0.00	1.25

14.65	0.48	0.67	0.72*	1.24	0.00	1.24
14.70	0.49	0.67	0.73*	1.24	0.00	1.24
14.75	0.50	0.67	0.75*	1.23	0.00	1.23
14.80	0.64	0.67	0.95*	1.23	0.00	1.23
14.85	0.64	0.67	0.95*	1.22	0.00	1.22
14.90	0.64	0.67	0.95*	1.22	0.00	1.22
14.95	0.64	0.67	0.95*	1.22	0.00	1.22
15.00	0.64	0.67	0.95*	1.21	0.00	1.21
15.05	0.64	0.68	0.95*	1.21	0.00	1.21
15.10	0.64	0.68	0.95*	1.21	0.00	1.21
15.15	0.64	0.68	0.95*	1.20	0.00	1.20
15.20	0.64	0.68	0.95*	1.20	0.00	1.20
15.25	0.64	0.68	0.94*	1.20	0.00	1.20
15.30	0.64	0.68	0.94*	1.20	0.00	1.20
15.35	0.64	0.68	0.94*	1.19	0.00	1.19
15.40	0.64	0.68	0.94*	1.19	0.00	1.19
15.45	0.64	0.68	0.94*	1.19	0.00	1.19
15.50	0.64	0.68	0.94*	1.19	0.00	1.19
15.55	0.64	0.68	0.94*	1.19	0.00	1.19
15.60	0.64	0.68	0.94*	1.18	0.00	1.18
15.65	0.64	0.68	0.94*	1.18	0.00	1.18
15.70	0.64	0.68	0.94*	1.18	0.00	1.18
15.75	0.64	0.68	0.94*	1.18	0.00	1.18
15.80	0.64	0.68	0.94*	1.18	0.00	1.18
15.85	0.64	0.68	0.94*	1.18	0.00	1.18
15.90	0.64	0.68	0.93*	1.18	0.00	1.18
15.95	0.64	0.69	0.93*	1.18	0.00	1.18
16.00	0.64	0.69	0.93*	1.18	0.00	1.18
16.05	0.64	0.69	0.93*	1.17	0.00	1.17
16.10	0.64	0.69	0.93*	1.17	0.00	1.17
16.15	0.64	0.69	0.93*	1.17	0.00	1.17
16.20	0.64	0.69	0.93*	1.17	0.00	1.17
16.25	0.64	0.69	0.93*	1.17	0.00	1.17
16.30	0.64	0.69	0.93*	1.17	0.00	1.17
16.35	0.64	0.69	0.93*	1.17	0.00	1.17
16.40	0.64	0.69	0.93*	1.17	0.00	1.17
16.45	0.64	0.69	0.93*	1.17	0.00	1.17
16.50	0.64	0.69	0.93*	1.17	0.00	1.17
16.55	0.64	0.69	0.93*	1.16	0.00	1.16
16.60	0.64	0.69	0.92*	1.16	0.00	1.16
16.65	0.64	0.69	0.92*	1.16	0.00	1.16
16.70	0.64	0.69	0.92*	1.16	0.00	1.16
16.75	0.64	0.69	0.92*	1.16	0.00	1.16
16.80	0.64	0.69	0.92*	1.16	0.00	1.16
16.85	0.64	0.69	0.92*	1.16	0.00	1.16
16.90	0.64	0.70	0.92*	1.16	0.00	1.16
16.95	0.64	0.70	0.92*	1.16	0.00	1.16
17.00	0.64	0.70	0.92*	1.16	0.00	1.16
17.05	0.64	0.70	0.92*	1.16	0.00	1.16
17.10	0.64	0.70	0.92*	1.16	0.00	1.16
17.15	0.64	0.70	0.92*	1.16	0.00	1.16
17.20	0.64	0.70	0.92*	1.16	0.00	1.16
17.25	0.64	0.70	0.92*	1.16	0.00	1.16
17.30	0.64	0.70	0.91*	1.16	0.00	1.16
17.35	0.64	0.70	0.91*	1.16	0.00	1.16
17.40	0.64	0.70	0.91*	1.16	0.00	1.16
17.45	0.64	0.70	0.91*	1.16	0.00	1.16
17.50	0.64	0.70	0.91*	1.16	0.00	1.16
17.55	0.64	0.70	0.91*	1.16	0.00	1.16
17.60	0.64	0.70	0.91*	1.16	0.00	1.16
17.65	0.64	0.70	0.91*	1.16	0.00	1.16
17.70	0.64	0.70	0.91*	1.16	0.00	1.16
17.75	0.64	0.70	0.91*	1.16	0.00	1.16

17.80	0.64	0.71	0.91*	1.16	0.00	1.16
17.85	0.64	0.71	0.91*	1.16	0.00	1.16
17.90	0.64	0.71	0.91*	1.16	0.00	1.16
17.95	0.64	0.71	0.91*	1.16	0.00	1.16
18.00	0.64	0.71	0.90*	1.16	0.00	1.16
18.05	0.64	0.71	0.90*	1.16	0.00	1.16
18.10	0.64	0.71	0.90*	1.16	0.00	1.16
18.15	0.64	0.71	0.90*	1.16	0.00	1.16
18.20	0.64	0.71	0.90*	1.16	0.00	1.16
18.25	0.64	0.71	0.90*	1.16	0.00	1.16
18.30	0.64	0.71	0.90*	1.16	0.00	1.16
18.35	0.64	0.71	0.90*	1.16	0.00	1.16
18.40	0.64	0.71	0.90*	1.16	0.00	1.16
18.45	0.64	0.71	0.90*	1.16	0.00	1.16
18.50	0.64	0.71	0.90*	1.16	0.00	1.16
18.55	0.64	0.71	0.90*	1.16	0.00	1.16
18.60	0.64	0.71	0.90*	1.16	0.00	1.16
18.65	0.64	0.71	0.90*	1.16	0.00	1.16
18.70	0.64	0.71	0.90*	1.16	0.00	1.16
18.75	0.64	0.72	0.89*	1.16	0.00	1.16
18.80	0.64	0.72	0.89*	1.16	0.00	1.16
18.85	0.64	0.72	0.89*	1.16	0.00	1.16
18.90	0.64	0.72	0.89*	1.16	0.00	1.16
18.95	0.64	0.72	0.89*	1.16	0.00	1.16
19.00	0.64	0.72	0.89*	1.16	0.00	1.16
19.05	0.64	0.72	0.89*	1.16	0.00	1.16
19.10	0.64	0.72	0.89*	1.16	0.00	1.16
19.15	0.64	0.72	0.89*	1.16	0.00	1.16
19.20	0.64	0.72	0.89*	1.16	0.00	1.16
19.25	0.64	0.72	0.89*	1.16	0.00	1.16
19.30	0.64	0.72	0.89*	1.16	0.00	1.16
19.35	0.64	0.72	0.89*	1.16	0.00	1.16
19.40	0.64	0.72	0.89*	1.16	0.00	1.16
19.45	0.64	0.72	0.89*	1.16	0.00	1.16
19.50	0.64	0.72	0.89*	1.16	0.00	1.16
19.55	0.64	0.72	0.89*	1.16	0.00	1.16
19.60	0.64	0.72	0.89*	1.16	0.00	1.16
19.65	0.64	0.72	0.88*	1.16	0.00	1.16
19.70	0.64	0.72	0.88*	1.16	0.00	1.16
19.75	0.64	0.72	0.88*	1.16	0.00	1.16
19.80	0.64	0.72	0.88*	1.16	0.00	1.16
19.85	0.64	0.73	0.88*	1.16	0.00	1.16
19.90	0.64	0.73	0.88*	1.16	0.00	1.16
19.95	0.64	0.73	0.88*	1.16	0.00	1.16
20.00	0.64	0.73	0.88*	1.16	0.00	1.16
20.05	0.64	0.73	0.88*	1.16	0.00	1.16
20.10	0.64	0.73	0.88*	1.16	0.00	1.16
20.15	0.64	0.73	0.88*	1.16	0.00	1.16
20.20	0.64	0.73	0.88*	1.16	0.00	1.16
20.25	0.64	0.73	0.88*	1.16	0.00	1.16
20.30	0.64	0.73	0.88*	1.16	0.00	1.16
20.35	0.64	0.73	0.88*	1.16	0.00	1.16
20.40	0.64	0.73	0.88*	1.16	0.00	1.16
20.45	0.64	0.73	0.88*	1.16	0.00	1.16
20.50	0.64	0.73	0.88*	1.16	0.00	1.16
20.55	0.64	0.73	0.88*	1.16	0.00	1.16
20.60	0.64	0.73	0.88*	1.16	0.00	1.16
20.65	0.64	0.73	0.87*	1.16	0.00	1.16
20.70	0.64	0.73	0.87*	1.16	0.00	1.16
20.75	0.64	0.73	0.87*	1.16	0.00	1.16
20.80	0.64	0.73	0.87*	1.16	0.00	1.16
20.85	0.64	0.73	0.87*	1.16	0.00	1.16
20.90	0.64	0.73	0.87*	1.16	0.00	1.16

20.95	0.64	0.73	0.87*	1.16	0.00	1.16
21.00	0.64	0.73	0.87*	1.16	0.00	1.16
21.05	0.64	0.73	0.87*	1.16	0.00	1.16
21.10	0.64	0.73	0.87*	1.16	0.00	1.16
21.15	0.64	0.74	0.87*	1.16	0.00	1.16
21.20	0.64	0.74	0.87*	1.16	0.00	1.16
21.25	0.64	0.74	0.87*	1.16	0.00	1.16
21.30	0.64	0.74	0.87*	1.16	0.00	1.16
21.35	0.64	0.74	0.87*	1.16	0.00	1.16
21.40	0.64	0.74	0.87*	1.16	0.00	1.16
21.45	0.64	0.74	0.87*	1.16	0.00	1.16
21.50	0.64	0.74	0.87*	1.16	0.00	1.16
21.55	0.64	0.74	0.87*	1.16	0.00	1.16
21.60	0.64	0.74	0.87*	1.16	0.00	1.16
21.65	0.64	0.74	0.87*	1.16	0.00	1.16
21.70	0.64	0.74	0.87*	1.16	0.00	1.16
21.75	0.64	0.74	0.87*	1.16	0.00	1.16
21.80	0.64	0.74	0.86*	1.16	0.00	1.16
21.85	0.64	0.74	0.86*	1.16	0.00	1.16
21.90	0.64	0.74	0.86*	1.16	0.00	1.16
21.95	0.64	0.74	0.86*	1.16	0.00	1.16
22.00	0.64	0.74	0.86*	1.16	0.00	1.16
22.05	0.64	0.74	0.86*	1.16	0.00	1.16
22.10	0.64	0.74	0.86*	1.16	0.00	1.16
22.15	0.64	0.74	0.86*	1.16	0.00	1.16
22.20	0.64	0.74	0.86*	1.16	0.00	1.16
22.25	0.64	0.74	0.86*	1.16	0.00	1.16
22.30	0.64	0.74	0.86*	1.16	0.00	1.16
22.35	0.64	0.74	0.86*	1.15	0.00	1.15
22.40	0.64	0.74	0.86*	1.15	0.00	1.15
22.45	0.64	0.74	0.86*	1.15	0.00	1.15
22.50	0.64	0.74	0.86*	1.15	0.00	1.15
22.55	0.64	0.74	0.86*	1.15	0.00	1.15
22.60	0.64	0.74	0.86*	1.15	0.00	1.15
22.65	0.64	0.75	0.86*	1.15	0.00	1.15
22.70	0.64	0.75	0.86*	1.15	0.00	1.15
22.75	0.64	0.75	0.86*	1.15	0.00	1.15
22.80	0.64	0.75	0.86*	1.15	0.00	1.15
22.85	0.64	0.75	0.86*	1.15	0.00	1.15
22.90	0.64	0.75	0.86*	1.15	0.00	1.15
22.95	0.64	0.75	0.86*	1.15	0.00	1.15
23.00	0.64	0.75	0.86*	1.14	0.00	1.14
23.05	0.64	0.75	0.86*	1.14	0.00	1.14
23.10	0.64	0.75	0.86*	1.14	0.00	1.14
23.15	0.64	0.75	0.86*	1.14	0.00	1.14
23.20	0.64	0.75	0.85*	1.14	0.00	1.14
23.25	0.64	0.75	0.85*	1.14	0.00	1.14
23.30	0.64	0.75	0.85*	1.14	0.00	1.14
23.35	0.64	0.75	0.85*	1.14	0.00	1.14
23.40	0.64	0.75	0.85*	1.14	0.00	1.14
23.45	0.64	0.75	0.85*	1.14	0.00	1.14
23.50	0.64	0.75	0.85*	1.14	0.00	1.14
23.55	0.64	0.75	0.85*	1.13	0.00	1.13
23.60	0.64	0.75	0.85*	1.13	0.00	1.13
23.65	0.64	0.75	0.85*	1.13	0.00	1.13
23.70	0.64	0.75	0.85*	1.13	0.00	1.13
23.75	0.64	0.75	0.85*	1.13	0.00	1.13
23.80	0.64	0.75	0.85*	1.13	0.00	1.13
23.85	0.64	0.75	0.85*	1.13	0.00	1.13
23.90	0.64	0.75	0.85*	1.13	0.00	1.13
23.95	0.64	0.75	0.85*	1.12	0.00	1.12
24.00	0.64	0.75	0.85*	1.12	0.00	1.12
24.05	0.64	0.75	0.85*	1.12	0.00	1.12

24.10	0.64	0.75	0.85*	1.12	0.00	1.12
24.15	0.64	0.75	0.85*	1.12	0.00	1.12
24.20	0.64	0.75	0.85*	1.12	0.00	1.12
24.25	0.64	0.75	0.85*	1.11	0.00	1.11
24.30	0.64	0.75	0.85*	1.11	0.00	1.11
24.35	0.64	0.76	0.85*	1.11	0.00	1.11
24.40	0.64	0.76	0.85*	1.11	0.00	1.11
24.45	0.64	0.76	0.85*	1.10	0.00	1.10
24.50	0.64	0.76	0.85*	1.10	0.00	1.10
24.55	0.64	0.76	0.85*	1.10	0.00	1.10
24.60	0.64	0.76	0.85*	1.10	0.00	1.10
24.65	0.64	0.76	0.85*	1.09	0.00	1.09
24.70	0.64	0.76	0.85*	1.09	0.00	1.09
24.75	0.64	0.76	0.84*	1.09	0.00	1.09
24.80	0.64	0.76	0.84*	1.08	0.00	1.08
24.85	0.64	0.76	0.84*	1.08	0.00	1.08
24.90	0.64	0.76	0.84*	1.08	0.00	1.08
24.95	0.64	0.76	0.84*	1.07	0.00	1.07
25.00	0.64	0.76	0.84*	1.07	0.00	1.07
25.05	0.64	0.76	0.84*	1.07	0.00	1.07
25.10	0.64	0.76	0.84*	1.06	0.00	1.06
25.15	0.64	0.76	0.84*	1.06	0.00	1.06
25.20	0.64	0.76	0.84*	1.05	0.00	1.05
25.25	0.64	0.76	0.84*	1.05	0.00	1.05
25.30	0.64	0.76	0.84*	1.05	0.00	1.05
25.35	0.64	0.76	0.84*	1.04	0.00	1.04
25.40	0.63	0.76	0.83*	1.04	0.00	1.04
25.45	0.58	0.76	0.76*	1.03	0.00	1.03
25.50	0.55	0.76	0.73*	1.03	0.00	1.03
25.55	0.53	0.76	0.70*	1.02	0.00	1.02
25.60	0.52	0.76	0.68*	1.02	0.00	1.02
25.65	0.51	0.76	0.67*	1.01	0.00	1.01
25.70	0.50	0.76	0.65*	1.01	0.00	1.01
25.75	0.49	0.76	0.64*	1.00	0.00	1.00
25.80	0.48	0.76	0.63*	1.00	0.00	1.00
25.85	0.48	0.76	0.62*	0.99	0.00	0.99
25.90	0.47	0.76	0.62*	0.99	0.00	0.99
25.95	0.46	0.76	0.61*	0.98	0.00	0.98
26.00	0.46	0.76	0.60*	0.98	0.00	0.98
26.05	0.45	0.76	0.59*	0.97	0.00	0.97
26.10	0.45	0.76	0.59*	0.97	0.00	0.97
26.15	0.44	0.76	0.58*	0.96	0.00	0.96
26.20	0.44	0.77	0.57*	0.96	0.00	0.96
26.25	0.44	0.77	0.57*	0.95	0.00	0.95
26.30	0.43	0.77	0.56*	0.94	0.00	0.94
26.35	0.43	0.77	0.56*	0.94	0.00	0.94
26.40	0.42	0.77	0.55*	0.93	0.00	0.93
26.45	0.42	0.77	0.55*	0.92	0.00	0.92
26.50	0.42	0.77	0.54*	0.92	0.00	0.92
26.55	0.41	0.77	0.54*	0.91	0.00	0.91
26.60	0.41	0.77	0.53*	0.91	0.00	0.91
26.65	0.41	0.77	0.53*	0.90	0.00	0.90
26.70	0.40	0.77	0.52*	0.89	0.00	0.89
26.75	0.40	0.77	0.52*	0.89	0.00	0.89
26.80	0.40	0.77	0.51*	0.88	0.00	0.88
26.85	0.39	0.77	0.51*	0.87	0.00	0.87
26.90	0.39	0.77	0.51*	0.87	0.00	0.87
26.95	0.39	0.77	0.50*	0.86	0.00	0.86
27.00	0.38	0.77	0.50*	0.85	0.00	0.85
27.05	0.38	0.77	0.49*	0.85	0.00	0.85
27.10	0.38	0.77	0.49*	0.84	0.00	0.84
27.15	0.37	0.77	0.49*	0.83	0.00	0.83
27.20	0.37	0.77	0.48*	0.83	0.00	0.83

27.25	0.37	0.77	0.48*	0.82	0.00	0.82
27.30	0.37	0.77	0.48*	0.81	0.00	0.81
27.35	0.36	0.77	0.47*	0.80	0.00	0.80
27.40	0.36	0.77	0.47*	0.80	0.00	0.80
27.45	0.36	0.77	0.47*	0.79	0.00	0.79
27.50	0.36	0.77	0.46*	0.78	0.00	0.78
27.55	0.36	0.77	0.46*	0.78	0.00	0.78
27.60	0.36	0.77	0.46*	0.77	0.00	0.77
27.65	0.36	0.77	0.46*	0.76	0.00	0.76
27.70	0.36	0.77	0.46*	0.75	0.00	0.75
27.75	0.36	0.77	0.46*	0.75	0.00	0.75
27.80	0.35	0.77	0.46*	0.74	0.00	0.74
27.85	0.35	0.77	0.46*	0.73	0.00	0.73
27.90	0.38	0.77	0.49*	0.73	0.00	0.73
27.95	0.38	0.77	0.49*	0.72	0.00	0.72
28.00	0.38	0.77	0.48*	0.71	0.00	0.71
28.05	0.37	0.77	0.48*	0.70	0.00	0.70
28.10	0.37	0.77	0.48*	0.70	0.00	0.70
28.15	0.37	0.77	0.48*	0.69	0.00	0.69
28.20	0.37	0.77	0.48*	0.68	0.00	0.68
28.25	0.37	0.78	0.48*	0.68	0.00	0.68
28.30	0.37	0.78	0.48*	0.67	0.00	0.67
28.35	0.37	0.78	0.48*	0.66	0.00	0.66
28.40	0.37	0.78	0.48*	0.66	0.00	0.66
28.45	0.37	0.78	0.48*	0.65	0.00	0.65
28.50	0.37	0.78	0.47*	0.64	0.00	0.64
28.55	0.37	0.78	0.47*	0.63	0.00	0.63
28.60	0.37	0.78	0.47*	0.63	0.00	0.63
28.65	0.37	0.78	0.47*	0.62	0.00	0.62
28.70	0.37	0.78	0.47*	0.61	0.00	0.61
28.75	0.36	0.78	0.47*	0.61	0.00	0.61
28.80	0.36	0.78	0.47*	0.60	0.00	0.60
28.85	0.36	0.78	0.47*	0.59	0.00	0.59
28.90	0.36	0.78	0.47*	0.59	0.00	0.59
28.95	0.36	0.78	0.47*	0.58	0.00	0.58
29.00	0.36	0.78	0.46*	0.57	0.00	0.57
29.05	0.36	0.78	0.46*	0.56	0.00	0.56
29.10	0.36	0.78	0.46*	0.56	0.00	0.56
29.15	0.36	0.78	0.46*	0.55	0.00	0.55
29.20	0.36	0.78	0.46*	0.54	0.00	0.54
29.25	0.36	0.78	0.46*	0.54	0.00	0.54
29.30	0.36	0.78	0.46*	0.53	0.00	0.53
29.35	0.36	0.78	0.46*	0.52	0.00	0.52
29.40	0.36	0.78	0.46*	0.51	0.00	0.51
29.45	0.36	0.78	0.46*	0.51	0.00	0.51
29.50	0.36	0.78	0.46*	0.50	0.00	0.50
29.55	0.35	0.78	0.45*	0.49	0.00	0.49
29.60	0.35	0.78	0.45*	0.48	0.00	0.48
29.65	0.35	0.78	0.45*	0.48	0.00	0.48
29.70	0.35	0.78	0.45*	0.47	0.00	0.47
29.75	0.35	0.78	0.45*	0.46	0.00	0.46
29.80	0.35	0.78	0.45*	0.46	0.00	0.46
29.85	0.35	0.78	0.45*	0.45	0.00	0.45
29.90	0.35	0.78	0.45*	0.44	0.00	0.44
29.95	0.35	0.78	0.45*	0.43	0.00	0.43
30.00	0.35	0.78	0.45*	0.43	0.00	0.43
30.05	0.36	0.78	0.45*	0.42	0.00	0.42
30.10	0.36	0.78	0.46*	0.41	0.00	0.41
30.15	0.37	0.78	0.47*	0.41	0.00	0.41
30.20	0.38	0.78	0.48*	0.40	0.00	0.40
30.25	0.38	0.78	0.49*	0.39	0.00	0.39
30.30	0.39	0.78	0.50*	0.38	0.00	0.38
30.35	0.40	0.78	0.51*	0.38	0.00	0.38

30.40	0.41	0.78	0.52*	0.37	0.00	0.37
30.45	0.42	0.78	0.53*	0.37	0.00	0.37
30.50	0.43	0.78	0.55*	0.36	0.00	0.36
30.55	0.44	0.78	0.56*	0.35	0.00	0.35
30.60	0.45	0.78	0.58*	0.35	0.00	0.35
30.65	0.46	0.78	0.59*	0.34	0.00	0.34
30.70	0.48	0.78	0.61*	0.34	0.00	0.34
30.75	0.50	0.78	0.64*	0.33	0.00	0.33
30.80	0.53	0.78	0.68*	0.33	0.00	0.33
30.85	0.59	0.78	0.76*	0.32	0.00	0.32
30.90	0.63	0.78	0.81*	0.32	0.00	0.32
30.95	0.63	0.78	0.81*	0.31	0.00	0.31
31.00	0.63	0.78	0.81*	0.31	0.00	0.31
31.05	0.63	0.78	0.81*	0.30	0.00	0.30
31.10	0.63	0.78	0.81*	0.30	0.00	0.30
31.15	0.63	0.78	0.81*	0.30	0.00	0.30
31.20	0.63	0.78	0.81*	0.29	0.00	0.29
31.25	0.63	0.78	0.81*	0.29	0.00	0.29
31.30	0.63	0.78	0.81*	0.29	0.00	0.29
31.35	0.63	0.78	0.81*	0.29	0.00	0.29
31.40	0.63	0.78	0.81*	0.29	0.00	0.29
31.45	0.63	0.78	0.81*	0.29	0.00	0.29
31.50	0.63	0.78	0.81*	0.28	0.00	0.28
31.55	0.63	0.78	0.81*	0.28	0.00	0.28
31.60	0.63	0.78	0.81*	0.28	0.00	0.28
31.65	0.63	0.78	0.81*	0.28	0.00	0.28
31.70	0.63	0.78	0.81*	0.28	0.00	0.28
31.75	0.63	0.78	0.81*	0.28	0.00	0.28
31.80	0.63	0.78	0.81*	0.28	0.00	0.28
31.85	0.63	0.78	0.81*	0.28	0.00	0.28
31.90	0.63	0.78	0.81*	0.28	0.00	0.28
31.95	0.63	0.78	0.81*	0.28	0.00	0.28
32.00	0.63	0.78	0.81*	0.28	0.00	0.28
32.05	0.63	0.78	0.81*	0.28	0.00	0.28
32.10	0.63	0.78	0.81*	0.28	0.00	0.28
32.15	0.63	0.78	0.81*	0.28	0.00	0.28
32.20	0.63	0.78	0.81*	0.28	0.00	0.28
32.25	0.63	0.78	0.81*	0.28	0.00	0.28
32.30	0.63	0.78	0.81*	0.28	0.00	0.28
32.35	0.63	0.78	0.81*	0.28	0.00	0.28
32.40	0.63	0.78	0.81*	0.28	0.00	0.28
32.45	0.63	0.78	0.81*	0.28	0.00	0.28
32.50	0.63	0.78	0.81*	0.28	0.00	0.28
32.55	0.63	0.78	0.81*	0.28	0.00	0.28
32.60	0.63	0.78	0.81*	0.28	0.00	0.28
32.65	0.63	0.78	0.81*	0.28	0.00	0.28
32.70	0.63	0.78	0.81*	0.28	0.00	0.28
32.75	0.63	0.78	0.81*	0.28	0.00	0.28
32.80	0.63	0.78	0.81*	0.28	0.00	0.28
32.85	0.63	0.78	0.81*	0.28	0.00	0.28
32.90	0.63	0.78	0.81*	0.28	0.00	0.28
32.95	0.63	0.78	0.81*	0.28	0.00	0.28
33.00	0.63	0.78	0.81*	0.28	0.00	0.28
33.05	0.63	0.78	0.81*	0.28	0.00	0.28
33.10	0.63	0.78	0.81*	0.28	0.00	0.28
33.15	0.62	0.77	0.81*	0.28	0.00	0.28
33.20	0.62	0.77	0.81*	0.28	0.00	0.28
33.25	0.62	0.77	0.81*	0.28	0.00	0.28
33.30	0.62	0.77	0.81*	0.28	0.00	0.28
33.35	0.62	0.77	0.81*	0.28	0.00	0.28
33.40	0.62	0.77	0.81*	0.28	0.00	0.28
33.45	0.62	0.77	0.81*	0.28	0.00	0.28
33.50	0.62	0.77	0.81*	0.28	0.00	0.28

33.55	0.62	0.77	0.81*	0.28	0.00	0.28
33.60	0.62	0.77	0.81*	0.28	0.00	0.28
33.65	0.62	0.77	0.81*	0.28	0.00	0.28
33.70	0.62	0.77	0.81*	0.28	0.00	0.28
33.75	0.62	0.77	0.81*	0.28	0.00	0.28
33.80	0.62	0.77	0.81*	0.28	0.00	0.28
33.85	0.62	0.77	0.81*	0.28	0.00	0.28
33.90	0.62	0.77	0.81*	0.28	0.00	0.28
33.95	0.62	0.77	0.81*	0.28	0.00	0.28
34.00	0.62	0.77	0.81*	0.28	0.00	0.28
34.05	0.62	0.77	0.81*	0.28	0.00	0.28
34.10	0.62	0.77	0.81*	0.28	0.00	0.28
34.15	0.62	0.77	0.81*	0.28	0.00	0.28
34.20	0.62	0.77	0.81*	0.28	0.00	0.28
34.25	0.62	0.77	0.81*	0.28	0.00	0.28
34.30	0.62	0.77	0.80*	0.28	0.00	0.28
34.35	0.62	0.77	0.80*	0.28	0.00	0.28
34.40	0.62	0.77	0.80*	0.28	0.00	0.28
34.45	0.62	0.77	0.80*	0.28	0.00	0.28
34.50	0.62	0.77	0.80*	0.28	0.00	0.28
34.55	0.62	0.77	0.80*	0.28	0.00	0.28
34.60	0.62	0.77	0.80*	0.28	0.00	0.28
34.65	0.62	0.77	0.80*	0.28	0.00	0.28
34.70	0.62	0.77	0.80*	0.28	0.00	0.28
34.75	0.62	0.77	0.80*	0.28	0.00	0.28
34.80	0.62	0.77	0.80*	0.28	0.00	0.28
34.85	0.62	0.77	0.80*	0.28	0.00	0.28
34.90	0.62	0.77	0.80*	0.28	0.00	0.28
34.95	0.62	0.77	0.80*	0.28	0.00	0.28
35.00	0.62	0.77	0.80*	0.28	0.00	0.28
35.05	0.62	0.77	0.80*	0.28	0.00	0.28
35.10	0.62	0.77	0.80*	0.28	0.00	0.28
35.15	0.62	0.77	0.80*	0.28	0.00	0.28
35.20	0.62	0.77	0.80*	0.28	0.00	0.28
35.25	0.62	0.77	0.80*	0.28	0.00	0.28
35.30	0.62	0.77	0.80*	0.28	0.00	0.28
35.35	0.62	0.77	0.80*	0.28	0.00	0.28
35.40	0.62	0.77	0.80*	0.28	0.00	0.28
35.45	0.62	0.77	0.80*	0.28	0.00	0.28
35.50	0.62	0.77	0.80*	0.28	0.00	0.28
35.55	0.62	0.77	0.80*	0.28	0.00	0.28
35.60	0.62	0.77	0.80*	0.28	0.00	0.28
35.65	0.62	0.77	0.80*	0.28	0.00	0.28
35.70	0.62	0.77	0.80*	0.28	0.00	0.28
35.75	0.62	0.77	0.80*	0.28	0.00	0.28
35.80	0.62	0.77	0.80*	0.28	0.00	0.28
35.85	0.62	0.77	0.80*	0.28	0.00	0.28
35.90	0.62	0.77	0.80*	0.28	0.00	0.28
35.95	0.62	0.77	0.80*	0.28	0.00	0.28
36.00	0.62	0.77	0.80*	0.28	0.00	0.28
36.05	0.62	0.77	0.80*	0.28	0.00	0.28
36.10	0.62	0.77	0.80*	0.28	0.00	0.28
36.15	0.62	0.77	0.80*	0.28	0.00	0.28
36.20	0.61	0.77	0.80*	0.28	0.00	0.28
36.25	0.61	0.77	0.80*	0.28	0.00	0.28
36.30	0.61	0.77	0.80*	0.28	0.00	0.28
36.35	0.61	0.76	0.80*	0.28	0.00	0.28
36.40	0.61	0.76	0.80*	0.28	0.00	0.28
36.45	0.61	0.76	0.80*	0.28	0.00	0.28
36.50	0.61	0.76	0.80*	0.28	0.00	0.28
36.55	0.61	0.76	0.80*	0.28	0.00	0.28
36.60	0.61	0.76	0.80*	0.28	0.00	0.28
36.65	0.61	0.76	0.80*	0.28	0.00	0.28

36.70	0.61	0.76	0.80*	0.28	0.00	0.28
36.75	0.61	0.76	0.80*	0.28	0.00	0.28
36.80	0.61	0.76	0.80*	0.28	0.00	0.28
36.85	0.61	0.76	0.80*	0.28	0.00	0.28
36.90	0.61	0.76	0.80*	0.28	0.00	0.28
36.95	0.61	0.76	0.80*	0.28	0.00	0.28
37.00	0.61	0.76	0.80*	0.28	0.00	0.28
37.05	0.61	0.76	0.80*	0.28	0.00	0.28
37.10	0.61	0.76	0.80*	0.28	0.00	0.28
37.15	0.61	0.76	0.80*	0.28	0.00	0.28
37.20	0.61	0.76	0.80*	0.28	0.00	0.28
37.25	0.61	0.76	0.80*	0.28	0.00	0.28
37.30	0.61	0.76	0.80*	0.28	0.00	0.28
37.35	0.61	0.76	0.80*	0.28	0.00	0.28
37.40	0.61	0.76	0.80*	0.28	0.00	0.28
37.45	0.61	0.76	0.80*	0.28	0.00	0.28
37.50	0.61	0.76	0.80*	0.28	0.00	0.28
37.55	0.61	0.76	0.80*	0.28	0.00	0.28
37.60	0.61	0.76	0.80*	0.28	0.00	0.28
37.65	0.61	0.76	0.80*	0.28	0.00	0.28
37.70	0.61	0.76	0.80*	0.28	0.00	0.28
37.75	0.61	0.76	0.80*	0.28	0.00	0.28
37.80	0.61	0.76	0.80*	0.28	0.00	0.28
37.85	0.61	0.76	0.80*	0.28	0.00	0.28
37.90	0.61	0.76	0.80*	0.28	0.00	0.28
37.95	0.61	0.76	0.80*	0.28	0.00	0.28
38.00	0.61	0.76	0.80*	0.28	0.00	0.28
38.05	0.61	0.76	0.80*	0.28	0.00	0.28
38.10	0.61	0.76	0.80*	0.28	0.00	0.28
38.15	0.61	0.76	0.80*	0.28	0.00	0.28
38.20	0.61	0.76	0.80*	0.28	0.00	0.28
38.25	0.61	0.76	0.80*	0.28	0.00	0.28
38.30	0.61	0.76	0.80*	0.28	0.00	0.28
38.35	0.61	0.76	0.80*	0.28	0.00	0.28
38.40	0.61	0.76	0.80*	0.28	0.00	0.28
38.45	0.61	0.76	0.80*	0.28	0.00	0.28
38.50	0.61	0.76	0.80*	0.28	0.00	0.28
38.55	0.61	0.76	0.80*	0.28	0.00	0.28
38.60	0.61	0.76	0.80*	0.28	0.00	0.28
38.65	0.61	0.76	0.80*	0.28	0.00	0.28
38.70	0.61	0.76	0.80*	0.28	0.00	0.28
38.75	0.61	0.76	0.80*	0.28	0.00	0.28
38.80	0.61	0.76	0.80*	0.28	0.00	0.28
38.85	0.61	0.76	0.80*	0.28	0.00	0.28
38.90	0.61	0.76	0.80*	0.28	0.00	0.28
38.95	0.61	0.75	0.80*	0.28	0.00	0.28
39.00	0.61	0.75	0.80*	0.28	0.00	0.28
39.05	0.61	0.75	0.80*	0.28	0.00	0.28
39.10	0.61	0.75	0.80*	0.28	0.00	0.28
39.15	0.61	0.75	0.80*	0.28	0.00	0.28
39.20	0.61	0.75	0.80*	0.28	0.00	0.28
39.25	0.61	0.75	0.80*	0.28	0.00	0.28
39.30	0.61	0.75	0.80*	0.28	0.00	0.28
39.35	0.61	0.75	0.80*	0.28	0.00	0.28
39.40	0.60	0.75	0.80*	0.28	0.00	0.28
39.45	0.60	0.75	0.80*	0.28	0.00	0.28
39.50	0.60	0.75	0.80*	0.28	0.00	0.28
39.55	0.60	0.75	0.80*	0.28	0.00	0.28
39.60	0.60	0.75	0.80*	0.28	0.00	0.28
39.65	0.60	0.75	0.80*	0.28	0.00	0.28
39.70	0.60	0.75	0.80*	0.28	0.00	0.28
39.75	0.60	0.75	0.80*	0.28	0.00	0.28
39.80	0.60	0.75	0.80*	0.28	0.00	0.28

39.85	0.60	0.75	0.80*	0.28	0.00	0.28
39.90	0.60	0.75	0.80*	0.28	0.00	0.28
39.95	0.60	0.75	0.80*	0.28	0.00	0.28
40.00	0.60	0.75	0.80*	0.28	0.00	0.28
40.05	0.60	0.75	0.80*	0.28	0.00	0.28
40.10	0.60	0.75	0.80*	0.28	0.00	0.28
40.15	0.60	0.75	0.80*	0.28	0.00	0.28
40.20	0.60	0.75	0.80*	0.28	0.00	0.28
40.25	0.60	0.75	0.80*	0.28	0.00	0.28
40.30	0.60	0.75	0.80*	0.28	0.00	0.28
40.35	0.60	0.75	0.80*	0.28	0.00	0.28
40.40	0.60	0.75	0.80*	0.28	0.00	0.28
40.45	0.60	0.75	0.81*	0.28	0.00	0.28
40.50	0.60	0.75	0.81*	0.28	0.00	0.28
40.55	0.60	0.75	0.81*	0.28	0.00	0.28
40.60	0.60	0.75	0.81*	0.28	0.00	0.28
40.65	0.60	0.75	0.81*	0.28	0.00	0.28
40.70	0.60	0.75	0.81*	0.28	0.00	0.28
40.75	0.60	0.75	0.81*	0.28	0.00	0.28
40.80	0.60	0.75	0.81*	0.28	0.00	0.28
40.85	0.60	0.74	0.81*	0.28	0.00	0.28
40.90	0.60	0.74	0.81*	0.28	0.00	0.28
40.95	0.60	0.74	0.81*	0.28	0.00	0.28
41.00	0.60	0.74	0.81*	0.28	0.00	0.28
41.05	0.60	0.74	0.81*	0.28	0.00	0.28
41.10	0.60	0.74	0.81*	0.28	0.00	0.28
41.15	0.60	0.74	0.81*	0.28	0.00	0.28
41.20	0.60	0.74	0.81*	0.28	0.00	0.28
41.25	0.60	0.74	0.81*	0.28	0.00	0.28
41.30	0.60	0.74	0.81*	0.28	0.00	0.28
41.35	0.60	0.74	0.81*	0.28	0.00	0.28
41.40	0.60	0.74	0.81*	0.28	0.00	0.28
41.45	0.60	0.74	0.81*	0.28	0.00	0.28
41.50	0.60	0.74	0.81*	0.28	0.00	0.28
41.55	0.60	0.74	0.81*	0.28	0.00	0.28
41.60	0.60	0.74	0.81*	0.28	0.00	0.28
41.65	0.60	0.74	0.81*	0.28	0.00	0.28
41.70	0.60	0.74	0.81*	0.28	0.00	0.28
41.75	0.60	0.74	0.81*	0.28	0.00	0.28
41.80	0.60	0.74	0.81*	0.28	0.00	0.28
41.85	0.60	0.74	0.81*	0.28	0.00	0.28
41.90	0.60	0.74	0.81*	0.28	0.00	0.28
41.95	0.60	0.74	0.81*	0.28	0.00	0.28
42.00	0.60	0.74	0.81*	0.28	0.00	0.28
42.05	0.60	0.74	0.81*	0.28	0.00	0.28
42.10	0.60	0.74	0.81*	0.28	0.00	0.28
42.15	0.60	0.74	0.81*	0.28	0.00	0.28
42.20	0.60	0.74	0.81*	0.28	0.00	0.28
42.25	0.60	0.74	0.81*	0.28	0.00	0.28
42.30	0.60	0.74	0.81*	0.28	0.00	0.28
42.35	0.60	0.74	0.81*	0.28	0.00	0.28
42.40	0.60	0.74	0.81*	0.28	0.00	0.28
42.45	0.59	0.73	0.81*	0.28	0.00	0.28
42.50	0.59	0.73	0.81*	0.28	0.00	0.28
42.55	0.59	0.73	0.81*	0.28	0.00	0.28
42.60	0.59	0.73	0.81*	0.28	0.00	0.28
42.65	0.59	0.73	0.81*	0.28	0.00	0.28
42.70	0.59	0.73	0.81*	0.28	0.00	0.28
42.75	0.59	0.73	0.81*	0.28	0.00	0.28
42.80	0.59	0.73	0.81*	0.28	0.00	0.28
42.85	0.59	0.73	0.81*	0.28	0.00	0.28
42.90	0.59	0.73	0.81*	0.28	0.00	0.28
42.95	0.59	0.73	0.81*	0.28	0.00	0.28

43.00	0.59	0.73	0.81*	0.28	0.00	0.28
43.05	0.59	0.73	0.81*	0.28	0.00	0.28
43.10	0.59	0.73	0.81*	0.28	0.00	0.28
43.15	0.59	0.73	0.81*	0.28	0.00	0.28
43.20	0.59	0.73	0.81*	0.28	0.00	0.28
43.25	0.59	0.73	0.81*	0.28	0.00	0.28
43.30	0.59	0.73	0.81*	0.28	0.00	0.28
43.35	0.59	0.73	0.81*	0.28	0.00	0.28
43.40	0.59	0.73	0.81*	0.28	0.00	0.28
43.45	0.59	0.73	0.81*	0.28	0.00	0.28
43.50	0.59	0.73	0.81*	0.28	0.00	0.28
43.55	0.59	0.73	0.81*	0.28	0.00	0.28
43.60	0.59	0.73	0.81*	0.28	0.00	0.28
43.65	0.59	0.73	0.81*	0.28	0.00	0.28
43.70	0.59	0.73	0.81*	0.28	0.00	0.28
43.75	0.59	0.73	0.81*	0.28	0.00	0.28
43.80	0.59	0.73	0.81*	0.28	0.00	0.28
43.85	0.59	0.73	0.81*	0.28	0.00	0.28
43.90	0.59	0.72	0.81*	0.28	0.00	0.28
43.95	0.59	0.72	0.81*	0.28	0.00	0.28
44.00	0.59	0.72	0.81*	0.28	0.00	0.28
44.05	0.59	0.72	0.81*	0.28	0.00	0.28
44.10	0.59	0.72	0.81*	0.28	0.00	0.28
44.15	0.59	0.72	0.81*	0.28	0.00	0.28
44.20	0.59	0.72	0.81*	0.28	0.00	0.28
44.25	0.59	0.72	0.82*	0.28	0.00	0.28
44.30	0.59	0.72	0.82*	0.28	0.00	0.28
44.35	0.59	0.72	0.82*	0.28	0.00	0.28
44.40	0.59	0.72	0.82*	0.28	0.00	0.28
44.45	0.59	0.72	0.82*	0.28	0.00	0.28
44.50	0.59	0.72	0.82*	0.28	0.00	0.28
44.55	0.59	0.72	0.82*	0.28	0.00	0.28
44.60	0.59	0.72	0.82*	0.28	0.00	0.28
44.65	0.59	0.72	0.82*	0.28	0.00	0.28
44.70	0.59	0.72	0.82*	0.28	0.00	0.28
44.75	0.59	0.72	0.82*	0.28	0.00	0.28
44.80	0.59	0.72	0.82*	0.28	0.00	0.28
44.85	0.59	0.72	0.82*	0.28	0.00	0.28
44.90	0.59	0.72	0.82*	0.28	0.00	0.28
44.95	0.59	0.72	0.82*	0.28	0.00	0.28
45.00	0.59	0.72	0.82*	0.28	0.00	0.28
45.05	0.59	0.72	0.82*	0.28	0.00	0.28
45.10	0.59	0.72	0.82*	0.28	0.00	0.28
45.15	0.59	0.72	0.82*	0.28	0.00	0.28
45.20	0.59	0.72	0.82*	0.28	0.00	0.28
45.25	0.59	0.72	0.82*	0.28	0.00	0.28
45.30	0.59	0.71	0.82*	0.28	0.00	0.28
45.35	0.59	0.71	0.82*	0.28	0.00	0.28
45.40	0.59	0.71	0.82*	0.28	0.00	0.28
45.45	0.58	0.71	0.82*	0.28	0.00	0.28
45.50	0.58	0.71	0.82*	0.28	0.00	0.28
45.55	0.58	0.71	0.82*	0.28	0.00	0.28
45.60	0.58	0.71	0.82*	0.28	0.00	0.28
45.65	0.58	0.71	0.82*	0.28	0.00	0.28
45.70	0.58	0.71	0.82*	0.28	0.00	0.28
45.75	0.58	0.71	0.82*	0.28	0.00	0.28
45.80	0.58	0.71	0.82*	0.28	0.00	0.28
45.85	0.58	0.71	0.82*	0.28	0.00	0.28
45.90	0.58	0.71	0.82*	0.28	0.00	0.28
45.95	0.58	0.71	0.82*	0.28	0.00	0.28
46.00	0.58	0.71	0.82*	0.28	0.00	0.28
46.05	0.58	0.71	0.82*	0.28	0.00	0.28
46.10	0.58	0.71	0.82*	0.28	0.00	0.28

46.15	0.58	0.71	0.82*	0.28	0.00	0.28
46.20	0.58	0.71	0.82*	0.28	0.00	0.28
46.25	0.58	0.71	0.82*	0.28	0.00	0.28
46.30	0.58	0.71	0.82*	0.28	0.00	0.28
46.35	0.58	0.71	0.82*	0.28	0.00	0.28
46.40	0.58	0.71	0.82*	0.28	0.00	0.28
46.45	0.58	0.71	0.82*	0.28	0.00	0.28
46.50	0.58	0.71	0.82*	0.28	0.00	0.28
46.55	0.58	0.71	0.82*	0.28	0.00	0.28
46.60	0.58	0.71	0.82*	0.28	0.00	0.28
46.65	0.58	0.71	0.82*	0.28	0.00	0.28
46.70	0.58	0.70	0.82*	0.28	0.00	0.28
46.75	0.58	0.70	0.82*	0.28	0.00	0.28
46.80	0.58	0.70	0.82*	0.28	0.00	0.28
46.85	0.58	0.70	0.82*	0.28	0.00	0.28
46.90	0.58	0.70	0.83*	0.28	0.00	0.28
46.95	0.58	0.70	0.83*	0.28	0.00	0.28
47.00	0.58	0.70	0.83*	0.28	0.00	0.28
47.05	0.58	0.70	0.83*	0.28	0.00	0.28
47.10	0.58	0.70	0.83*	0.28	0.00	0.28
47.15	0.58	0.70	0.83*	0.28	0.00	0.28
47.20	0.51	0.70	0.73*	0.27	0.00	0.27
47.25	0.40	0.70	0.57*	0.27	0.00	0.27
47.30	0.36	0.70	0.51*	0.26	0.00	0.26
47.35	0.32	0.70	0.46*	0.25	0.00	0.25
47.40	0.29	0.70	0.42*	0.25	0.00	0.25
47.45	0.27	0.70	0.38*	0.24	0.00	0.24
47.50	0.24	0.70	0.35*	0.23	0.00	0.23
47.55	0.25	0.70	0.35*	0.22	0.00	0.22
47.60	0.25	0.70	0.36*	0.21	0.00	0.21
47.65	0.26	0.70	0.37*	0.20	0.00	0.20
47.70	0.26	0.70	0.38*	0.19	0.00	0.19
47.75	0.27	0.70	0.39*	0.19	0.00	0.19
47.80	0.27	0.70	0.39*	0.18	0.00	0.18
47.85	0.28	0.70	0.40*	0.17	0.00	0.17
47.90	0.29	0.70	0.41*	0.16	0.00	0.16
47.95	0.29	0.70	0.42*	0.15	0.00	0.15
48.00	0.30	0.69	0.43*	0.15	0.00	0.15
48.05	0.30	0.69	0.44*	0.14	0.00	0.14
48.10	0.31	0.69	0.45*	0.13	0.00	0.13
48.15	0.32	0.69	0.46*	0.12	0.00	0.12
48.20	0.32	0.69	0.47*	0.12	0.00	0.12
48.25	0.33	0.69	0.48*	0.11	0.00	0.11
48.30	0.34	0.69	0.49*	0.10	0.00	0.10
48.35	0.35	0.69	0.50*	0.09	0.00	0.09
48.40	0.36	0.69	0.52*	0.09	0.00	0.09
48.45	0.37	0.69	0.53*	0.08	0.00	0.08
48.50	0.38	0.69	0.54*	0.07	0.00	0.07
48.55	0.39	0.69	0.56*	0.07	0.00	0.07
48.60	0.40	0.69	0.58*	0.06	0.00	0.06
48.65	0.41	0.69	0.60*	0.06	0.00	0.06
48.70	0.43	0.69	0.62*	0.05	0.00	0.05
48.75	0.45	0.69	0.65*	0.05	0.00	0.05
48.80	0.48	0.69	0.69*	0.04	0.00	0.04
48.85	0.55	0.69	0.80*	0.04	0.00	0.04
48.90	0.57	0.69	0.83*	0.03	0.00	0.03
48.95	0.57	0.69	0.83*	0.03	0.00	0.03
49.00	0.57	0.69	0.83*	0.02	0.00	0.02
49.05	0.57	0.69	0.83*	0.02	0.00	0.02
49.10	0.57	0.69	0.83*	0.02	0.00	0.02
49.15	0.57	0.69	0.83*	0.01	0.00	0.01
49.20	0.57	0.69	0.83*	0.01	0.00	0.01
49.25	0.57	0.69	0.84*	0.01	0.00	0.01

49.30	0.57	0.69	0.84*	0.01	0.00	0.01
49.35	0.57	0.68	0.84*	0.01	0.00	0.01
49.40	0.57	0.68	0.84*	0.01	0.00	0.01
49.45	0.57	0.68	0.84*	0.00	0.00	0.00
49.50	0.57	0.68	0.84*	0.00	0.00	0.00
49.55	0.57	0.68	0.84*	0.00	0.00	0.00
49.60	0.57	0.68	0.84*	0.00	0.00	0.00
49.65	0.57	0.68	0.84*	0.00	0.00	0.00
49.70	0.57	0.68	0.84*	0.00	0.00	0.00
49.75	0.57	0.68	0.84*	0.00	0.00	0.00
49.80	0.57	0.68	0.84*	0.00	0.00	0.00
49.85	0.57	0.68	0.84*	0.00	0.00	0.00
49.90	0.57	0.68	0.84*	0.00	0.00	0.00
49.95	0.57	0.68	0.84*	0.00	0.00	0.00
50.00	0.57	0.68	0.84*	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

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1 atm (atmosphere) = 1 tsf (ton/ft2)

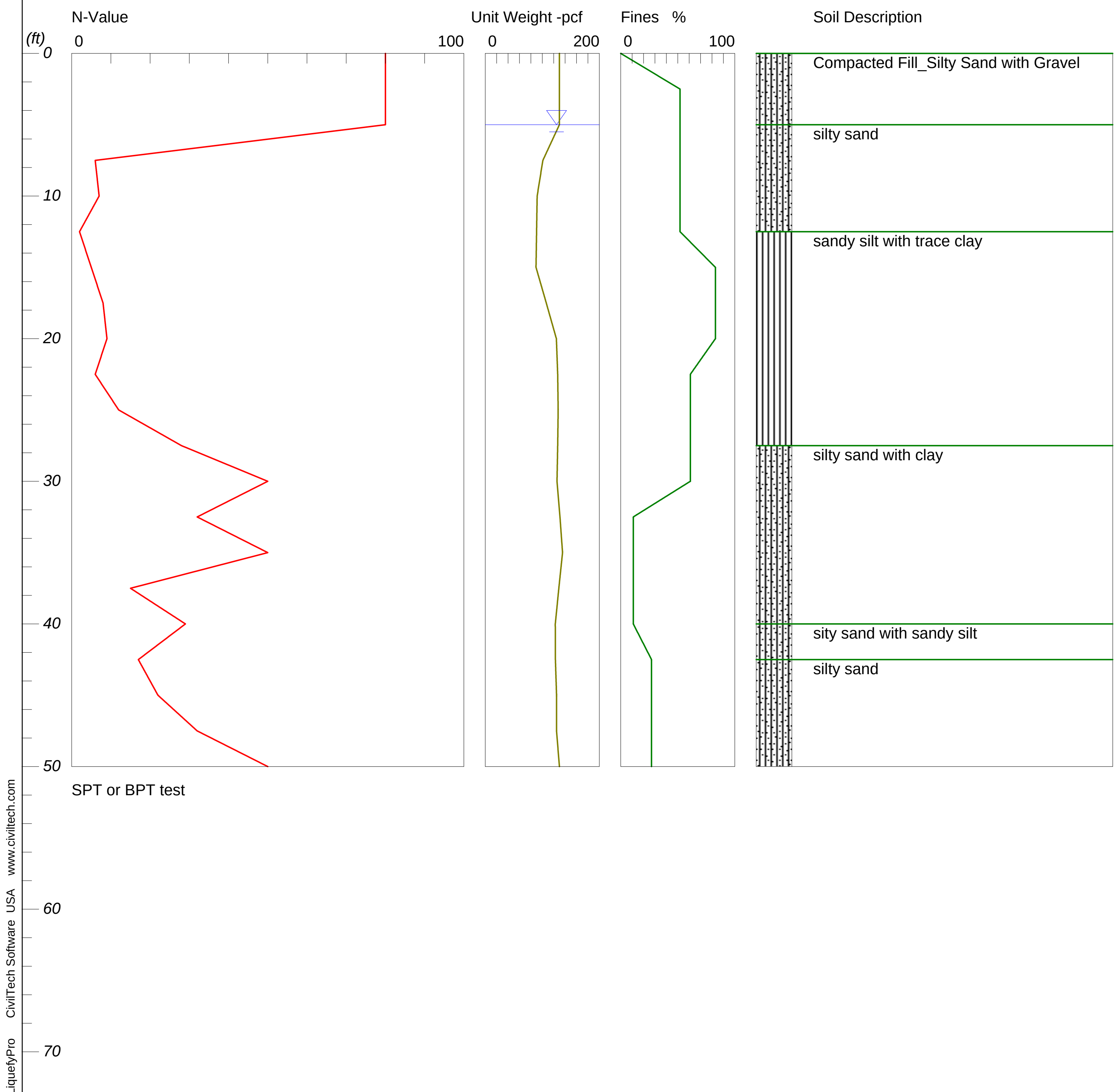
CRRm	Cyclic resistance ratio from soils
CSRsf	Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S.	Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat	Settlement from saturated sands
S_dry	Settlement from Unsaturated Sands
S_all	Total Settlement from Saturated and Unsaturated Sands
NoLiq	No-Liquefy Soils

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=B-6   Water Depth=5 ft   Surface Elev.=244

Magnitude=6.81
Acceleration=0.656g



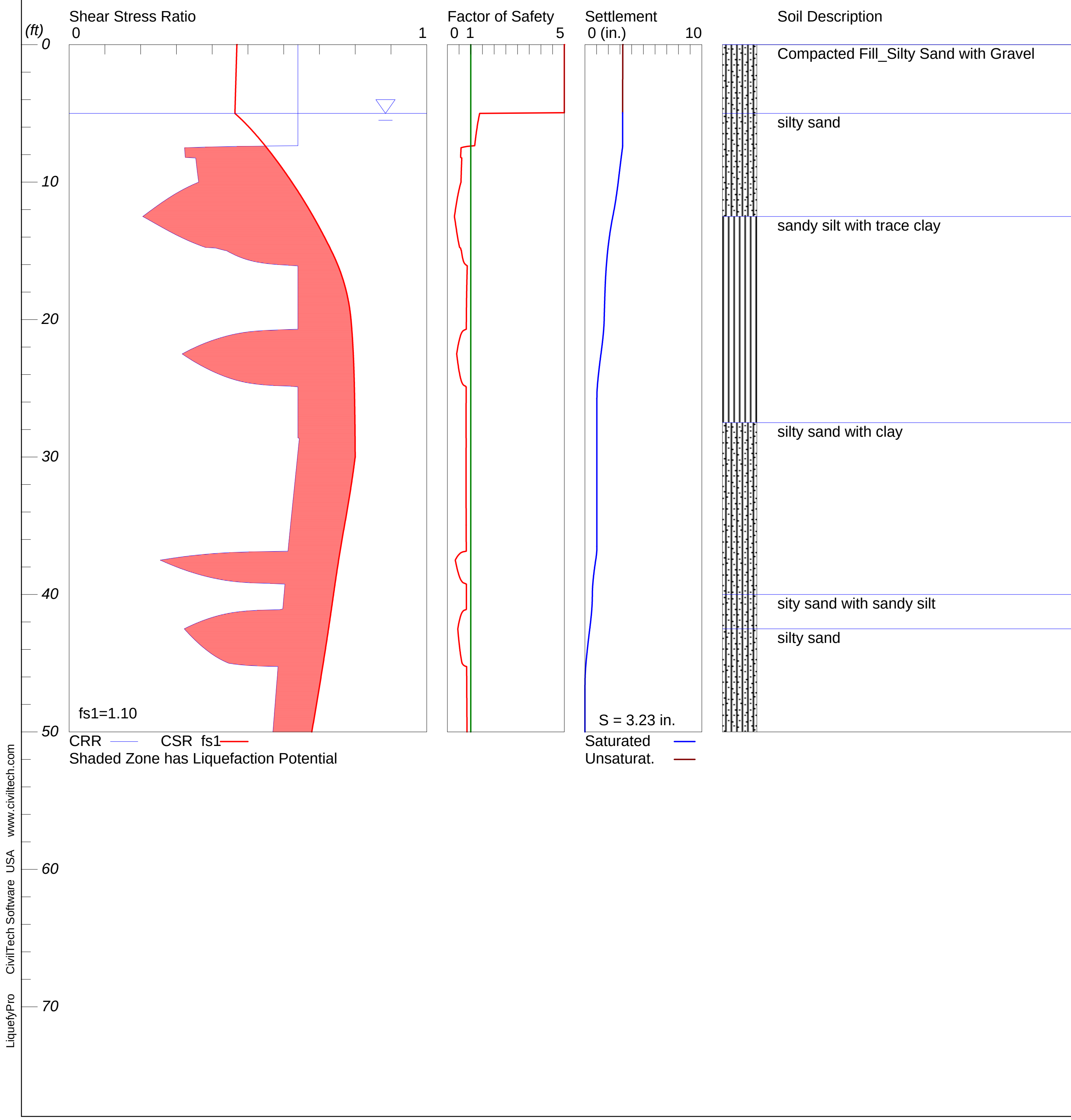
CivilTech Corporation

20G-0418-0

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=B-6 Water Depth=5 ft Surface Elev.=244 Magnitude=6.81 Acceleration=0.656g



CivilTech Corporation **20G-0418-0**

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LIQUEFACTION ANALYSIS SUMMARY

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Input File Name: G:_Projects\2020\20G-0418\Liqefaction Analysis\20G-0418 b6.liq
Title: Solemo 13 Acres
Subtitle: 20G-0418-0

Surface Elev.=244
Hole No.=B-6
Depth of Hole= 50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration= 0.66 g
Earthquake Magnitude= 6.81

Input Data:
Surface Elev.=244
Hole No.=B-6
Depth of Hole=50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration=0.66 g
Earthquake Magnitude=6.81
No-Liquefiable Soils: Based on Analysis

1. SPT or BPT Calculation.
2. Settlement Analysis Method: Tokimatsu, M-correction
3. Fines Correction for Liquefaction: Modify Stark/Olson
4. Fine Correction for Settlement: During Liquefaction*
5. Settlement Calculation in: All zones*
6. Hammer Energy Ratio, Ce = 1.25
7. Borehole Diameter, Cb= 1.15
8. Sampling Method, Cs= 1.2
9. User request factor of safety (apply to CSR) , User= 1.1
   Plot one CSR curve (fs1=User)
10. Use Curve Smoothing: Yes*
* Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
0.00	80.00	130.00	0.00
2.50	80.00	130.00	52.00
5.00	80.00	130.00	52.00
7.50	6.00	101.00	52.00
10.00	7.00	91.00	52.00
12.50	2.00	90.00	52.00
15.00	5.00	89.00	83.00
17.50	8.00	107.00	83.00
20.00	9.00	124.70	83.00
22.50	6.00	127.00	61.00

25.00	12.00	127.80	61.00
27.50	28.00	127.00	61.00
30.00	50.00	125.80	61.00
32.50	32.00	131.00	11.00
35.00	50.00	135.50	11.00
37.50	15.00	129.00	11.00
40.00	29.00	122.80	11.00
42.50	17.00	123.00	27.00
45.00	22.00	125.00	27.00
47.50	32.00	125.00	27.00
50.00	50.00	130.00	27.00

Output Results:

Settlement of Saturated Sands=3.23 in.
Settlement of Unsaturated Sands=0.01 in.
Total Settlement of Saturated and Unsaturated Sands=3.23 in.
Differential Settlement=1.616 to 2.133 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
0.00	0.64	0.47	5.00	3.23	0.01	3.23
0.05	0.64	0.47	5.00	3.23	0.01	3.23
0.10	0.64	0.47	5.00	3.23	0.01	3.23
0.15	0.64	0.47	5.00	3.23	0.01	3.23
0.20	0.64	0.47	5.00	3.23	0.01	3.23
0.25	0.64	0.47	5.00	3.23	0.01	3.23
0.30	0.64	0.47	5.00	3.23	0.01	3.23
0.35	0.64	0.47	5.00	3.23	0.01	3.23
0.40	0.64	0.47	5.00	3.23	0.01	3.23
0.45	0.64	0.47	5.00	3.23	0.01	3.23
0.50	0.64	0.47	5.00	3.23	0.01	3.23
0.55	0.64	0.47	5.00	3.23	0.01	3.23
0.60	0.64	0.47	5.00	3.23	0.01	3.23
0.65	0.64	0.47	5.00	3.23	0.01	3.23
0.70	0.64	0.47	5.00	3.23	0.01	3.23
0.75	0.64	0.47	5.00	3.23	0.01	3.23
0.80	0.64	0.47	5.00	3.23	0.01	3.23
0.85	0.64	0.47	5.00	3.23	0.01	3.23
0.90	0.64	0.47	5.00	3.23	0.01	3.23
0.95	0.64	0.47	5.00	3.23	0.01	3.23
1.00	0.64	0.47	5.00	3.23	0.01	3.23
1.05	0.64	0.47	5.00	3.23	0.01	3.23
1.10	0.64	0.47	5.00	3.23	0.01	3.23
1.15	0.64	0.47	5.00	3.23	0.01	3.23
1.20	0.64	0.47	5.00	3.23	0.01	3.23
1.25	0.64	0.47	5.00	3.23	0.01	3.23
1.30	0.64	0.47	5.00	3.23	0.01	3.23
1.35	0.64	0.47	5.00	3.23	0.01	3.23
1.40	0.64	0.47	5.00	3.23	0.01	3.23
1.45	0.64	0.47	5.00	3.23	0.01	3.23
1.50	0.64	0.47	5.00	3.23	0.01	3.23
1.55	0.64	0.47	5.00	3.23	0.01	3.23
1.60	0.64	0.47	5.00	3.23	0.01	3.23
1.65	0.64	0.47	5.00	3.23	0.01	3.23
1.70	0.64	0.47	5.00	3.23	0.01	3.23
1.75	0.64	0.47	5.00	3.23	0.01	3.23
1.80	0.64	0.47	5.00	3.23	0.00	3.23
1.85	0.64	0.47	5.00	3.23	0.00	3.23
1.90	0.64	0.47	5.00	3.23	0.00	3.23
1.95	0.64	0.47	5.00	3.23	0.00	3.23
2.00	0.64	0.47	5.00	3.23	0.00	3.23

2.05	0.64	0.47	5.00	3.23	0.00	3.23
2.10	0.64	0.47	5.00	3.23	0.00	3.23
2.15	0.64	0.47	5.00	3.23	0.00	3.23
2.20	0.64	0.47	5.00	3.23	0.00	3.23
2.25	0.64	0.47	5.00	3.23	0.00	3.23
2.30	0.64	0.47	5.00	3.23	0.00	3.23
2.35	0.64	0.47	5.00	3.23	0.00	3.23
2.40	0.64	0.47	5.00	3.23	0.00	3.23
2.45	0.64	0.47	5.00	3.23	0.00	3.23
2.50	0.64	0.47	5.00	3.23	0.00	3.23
2.55	0.64	0.47	5.00	3.23	0.00	3.23
2.60	0.64	0.47	5.00	3.23	0.00	3.23
2.65	0.64	0.47	5.00	3.23	0.00	3.23
2.70	0.64	0.47	5.00	3.23	0.00	3.23
2.75	0.64	0.47	5.00	3.23	0.00	3.23
2.80	0.64	0.47	5.00	3.23	0.00	3.23
2.85	0.64	0.47	5.00	3.23	0.00	3.23
2.90	0.64	0.47	5.00	3.23	0.00	3.23
2.95	0.64	0.47	5.00	3.23	0.00	3.23
3.00	0.64	0.47	5.00	3.23	0.00	3.23
3.05	0.64	0.47	5.00	3.23	0.00	3.23
3.10	0.64	0.47	5.00	3.23	0.00	3.23
3.15	0.64	0.47	5.00	3.23	0.00	3.23
3.20	0.64	0.47	5.00	3.23	0.00	3.23
3.25	0.64	0.47	5.00	3.23	0.00	3.23
3.30	0.64	0.47	5.00	3.23	0.00	3.23
3.35	0.64	0.47	5.00	3.23	0.00	3.23
3.40	0.64	0.47	5.00	3.23	0.00	3.23
3.45	0.64	0.47	5.00	3.23	0.00	3.23
3.50	0.64	0.47	5.00	3.23	0.00	3.23
3.55	0.64	0.47	5.00	3.23	0.00	3.23
3.60	0.64	0.47	5.00	3.23	0.00	3.23
3.65	0.64	0.47	5.00	3.23	0.00	3.23
3.70	0.64	0.46	5.00	3.23	0.00	3.23
3.75	0.64	0.46	5.00	3.23	0.00	3.23
3.80	0.64	0.46	5.00	3.23	0.00	3.23
3.85	0.64	0.46	5.00	3.23	0.00	3.23
3.90	0.64	0.46	5.00	3.23	0.00	3.23
3.95	0.64	0.46	5.00	3.23	0.00	3.23
4.00	0.64	0.46	5.00	3.23	0.00	3.23
4.05	0.64	0.46	5.00	3.23	0.00	3.23
4.10	0.64	0.46	5.00	3.23	0.00	3.23
4.15	0.64	0.46	5.00	3.23	0.00	3.23
4.20	0.64	0.46	5.00	3.23	0.00	3.23
4.25	0.64	0.46	5.00	3.23	0.00	3.23
4.30	0.64	0.46	5.00	3.23	0.00	3.23
4.35	0.64	0.46	5.00	3.23	0.00	3.23
4.40	0.64	0.46	5.00	3.23	0.00	3.23
4.45	0.64	0.46	5.00	3.23	0.00	3.23
4.50	0.64	0.46	5.00	3.23	0.00	3.23
4.55	0.64	0.46	5.00	3.23	0.00	3.23
4.60	0.64	0.46	5.00	3.23	0.00	3.23
4.65	0.64	0.46	5.00	3.23	0.00	3.23
4.70	0.64	0.46	5.00	3.23	0.00	3.23
4.75	0.64	0.46	5.00	3.23	0.00	3.23
4.80	0.64	0.46	5.00	3.23	0.00	3.23
4.85	0.64	0.46	5.00	3.23	0.00	3.23
4.90	0.64	0.46	5.00	3.23	0.00	3.23
4.95	0.64	0.46	5.00	3.23	0.00	3.23
5.00	0.64	0.46	1.38	3.23	0.00	3.23
5.05	0.64	0.47	1.37	3.23	0.00	3.23
5.10	0.64	0.47	1.37	3.23	0.00	3.23
5.15	0.64	0.47	1.36	3.23	0.00	3.23

5.20	0.64	0.47	1.36	3.23	0.00	3.23
5.25	0.64	0.47	1.35	3.23	0.00	3.23
5.30	0.64	0.48	1.34	3.23	0.00	3.23
5.35	0.64	0.48	1.34	3.23	0.00	3.23
5.40	0.64	0.48	1.33	3.23	0.00	3.23
5.45	0.64	0.48	1.33	3.23	0.00	3.23
5.50	0.64	0.48	1.32	3.23	0.00	3.23
5.55	0.64	0.49	1.32	3.23	0.00	3.23
5.60	0.64	0.49	1.31	3.23	0.00	3.23
5.65	0.64	0.49	1.31	3.23	0.00	3.23
5.70	0.64	0.49	1.30	3.23	0.00	3.23
5.75	0.64	0.49	1.30	3.23	0.00	3.23
5.80	0.64	0.50	1.29	3.23	0.00	3.23
5.85	0.64	0.50	1.29	3.23	0.00	3.23
5.90	0.64	0.50	1.28	3.23	0.00	3.23
5.95	0.64	0.50	1.28	3.23	0.00	3.23
6.00	0.64	0.50	1.27	3.23	0.00	3.23
6.05	0.64	0.50	1.27	3.23	0.00	3.23
6.10	0.64	0.51	1.26	3.23	0.00	3.23
6.15	0.64	0.51	1.26	3.23	0.00	3.23
6.20	0.64	0.51	1.25	3.23	0.00	3.23
6.25	0.64	0.51	1.25	3.23	0.00	3.23
6.30	0.64	0.51	1.25	3.23	0.00	3.23
6.35	0.64	0.52	1.24	3.23	0.00	3.23
6.40	0.64	0.52	1.24	3.23	0.00	3.23
6.45	0.64	0.52	1.23	3.23	0.00	3.23
6.50	0.64	0.52	1.23	3.23	0.00	3.23
6.55	0.64	0.52	1.23	3.23	0.00	3.23
6.60	0.64	0.52	1.22	3.23	0.00	3.23
6.65	0.64	0.53	1.22	3.23	0.00	3.23
6.70	0.64	0.53	1.21	3.23	0.00	3.23
6.75	0.64	0.53	1.21	3.23	0.00	3.23
6.80	0.64	0.53	1.21	3.23	0.00	3.23
6.85	0.64	0.53	1.20	3.23	0.00	3.23
6.90	0.64	0.53	1.20	3.23	0.00	3.23
6.95	0.64	0.54	1.20	3.23	0.00	3.23
7.00	0.64	0.54	1.19	3.23	0.00	3.23
7.05	0.64	0.54	1.19	3.23	0.00	3.23
7.10	0.64	0.54	1.18	3.23	0.00	3.23
7.15	0.64	0.54	1.18	3.23	0.00	3.23
7.20	0.64	0.54	1.18	3.23	0.00	3.23
7.25	0.64	0.54	1.17	3.23	0.00	3.23
7.30	0.64	0.55	1.17	3.23	0.00	3.23
7.35	0.64	0.55	1.17	3.23	0.00	3.23
7.40	0.47	0.55	0.85*	3.22	0.00	3.22
7.45	0.38	0.55	0.69*	3.22	0.00	3.22
7.50	0.32	0.55	0.58*	3.21	0.00	3.21
7.55	0.32	0.55	0.58*	3.20	0.00	3.20
7.60	0.32	0.56	0.58*	3.20	0.00	3.20
7.65	0.32	0.56	0.58*	3.19	0.00	3.19
7.70	0.32	0.56	0.58*	3.18	0.00	3.18
7.75	0.32	0.56	0.58*	3.17	0.00	3.17
7.80	0.32	0.56	0.58*	3.17	0.00	3.17
7.85	0.32	0.56	0.57*	3.16	0.00	3.16
7.90	0.32	0.56	0.57*	3.15	0.00	3.15
7.95	0.32	0.57	0.57*	3.14	0.00	3.14
8.00	0.32	0.57	0.57*	3.13	0.00	3.13
8.05	0.32	0.57	0.57*	3.13	0.00	3.13
8.10	0.32	0.57	0.57*	3.12	0.00	3.12
8.15	0.32	0.57	0.57*	3.11	0.00	3.11
8.20	0.32	0.57	0.57*	3.10	0.00	3.10
8.25	0.35	0.57	0.62*	3.10	0.00	3.10
8.30	0.35	0.58	0.61*	3.09	0.00	3.09

8.35	0.35	0.58	0.61*	3.08	0.00	3.08
8.40	0.35	0.58	0.61*	3.07	0.00	3.07
8.45	0.35	0.58	0.61*	3.07	0.00	3.07
8.50	0.36	0.58	0.61*	3.06	0.00	3.06
8.55	0.36	0.58	0.61*	3.05	0.00	3.05
8.60	0.36	0.58	0.61*	3.05	0.00	3.05
8.65	0.36	0.59	0.61*	3.04	0.00	3.04
8.70	0.36	0.59	0.61*	3.03	0.00	3.03
8.75	0.36	0.59	0.60*	3.02	0.00	3.02
8.80	0.36	0.59	0.60*	3.02	0.00	3.02
8.85	0.36	0.59	0.60*	3.01	0.00	3.01
8.90	0.36	0.59	0.60*	3.00	0.00	3.00
8.95	0.36	0.59	0.60*	3.00	0.00	3.00
9.00	0.36	0.60	0.60*	2.99	0.00	2.99
9.05	0.36	0.60	0.60*	2.98	0.00	2.98
9.10	0.36	0.60	0.60*	2.97	0.00	2.97
9.15	0.36	0.60	0.60*	2.97	0.00	2.97
9.20	0.36	0.60	0.60*	2.96	0.00	2.96
9.25	0.36	0.60	0.59*	2.95	0.00	2.95
9.30	0.36	0.60	0.59*	2.95	0.00	2.95
9.35	0.36	0.61	0.59*	2.94	0.00	2.94
9.40	0.36	0.61	0.59*	2.93	0.00	2.93
9.45	0.36	0.61	0.59*	2.92	0.00	2.92
9.50	0.36	0.61	0.59*	2.92	0.00	2.92
9.55	0.36	0.61	0.59*	2.91	0.00	2.91
9.60	0.36	0.61	0.59*	2.90	0.00	2.90
9.65	0.36	0.61	0.59*	2.90	0.00	2.90
9.70	0.36	0.61	0.59*	2.89	0.00	2.89
9.75	0.36	0.62	0.59*	2.88	0.00	2.88
9.80	0.36	0.62	0.58*	2.87	0.00	2.87
9.85	0.36	0.62	0.58*	2.87	0.00	2.87
9.90	0.36	0.62	0.58*	2.86	0.00	2.86
9.95	0.36	0.62	0.58*	2.85	0.00	2.85
10.00	0.36	0.62	0.58*	2.85	0.00	2.85
10.05	0.36	0.62	0.57*	2.84	0.00	2.84
10.10	0.35	0.63	0.56*	2.83	0.00	2.83
10.15	0.35	0.63	0.56*	2.82	0.00	2.82
10.20	0.34	0.63	0.55*	2.82	0.00	2.82
10.25	0.34	0.63	0.54*	2.81	0.00	2.81
10.30	0.34	0.63	0.53*	2.80	0.00	2.80
10.35	0.33	0.63	0.53*	2.79	0.00	2.79
10.40	0.33	0.63	0.52*	2.79	0.00	2.79
10.45	0.32	0.63	0.51*	2.78	0.00	2.78
10.50	0.32	0.64	0.51*	2.77	0.00	2.77
10.55	0.32	0.64	0.50*	2.76	0.00	2.76
10.60	0.31	0.64	0.49*	2.75	0.00	2.75
10.65	0.31	0.64	0.49*	2.75	0.00	2.75
10.70	0.31	0.64	0.48*	2.74	0.00	2.74
10.75	0.30	0.64	0.47*	2.73	0.00	2.73
10.80	0.30	0.64	0.47*	2.72	0.00	2.72
10.85	0.30	0.64	0.46*	2.71	0.00	2.71
10.90	0.29	0.65	0.46*	2.70	0.00	2.70
10.95	0.29	0.65	0.45*	2.70	0.00	2.70
11.00	0.29	0.65	0.44*	2.69	0.00	2.69
11.05	0.28	0.65	0.44*	2.68	0.00	2.68
11.10	0.28	0.65	0.43*	2.67	0.00	2.67
11.15	0.28	0.65	0.43*	2.66	0.00	2.66
11.20	0.28	0.65	0.42*	2.65	0.00	2.65
11.25	0.27	0.65	0.42*	2.64	0.00	2.64
11.30	0.27	0.66	0.41*	2.63	0.00	2.63
11.35	0.27	0.66	0.41*	2.62	0.00	2.62
11.40	0.26	0.66	0.40*	2.62	0.00	2.62
11.45	0.26	0.66	0.40*	2.61	0.00	2.61

11.50	0.26	0.66	0.39*	2.60	0.00	2.60
11.55	0.26	0.66	0.39*	2.59	0.00	2.59
11.60	0.25	0.66	0.38*	2.58	0.00	2.58
11.65	0.25	0.66	0.38*	2.57	0.00	2.57
11.70	0.25	0.66	0.37*	2.56	0.00	2.56
11.75	0.24	0.67	0.37*	2.55	0.00	2.55
11.80	0.24	0.67	0.36*	2.54	0.00	2.54
11.85	0.24	0.67	0.36*	2.53	0.00	2.53
11.90	0.24	0.67	0.35*	2.52	0.00	2.52
11.95	0.23	0.67	0.35*	2.51	0.00	2.51
12.00	0.23	0.67	0.34*	2.50	0.00	2.50
12.05	0.23	0.67	0.34*	2.48	0.00	2.48
12.10	0.23	0.67	0.34*	2.47	0.00	2.47
12.15	0.22	0.67	0.33*	2.46	0.00	2.46
12.20	0.22	0.68	0.33*	2.45	0.00	2.45
12.25	0.22	0.68	0.32*	2.44	0.00	2.44
12.30	0.22	0.68	0.32*	2.43	0.00	2.43
12.35	0.21	0.68	0.31*	2.42	0.00	2.42
12.40	0.21	0.68	0.31*	2.41	0.00	2.41
12.45	0.21	0.68	0.31*	2.40	0.00	2.40
12.50	0.21	0.68	0.30*	2.38	0.00	2.38
12.55	0.21	0.68	0.31*	2.37	0.00	2.37
12.60	0.21	0.68	0.31*	2.36	0.00	2.36
12.65	0.22	0.69	0.32*	2.35	0.00	2.35
12.70	0.22	0.69	0.32*	2.34	0.00	2.34
12.75	0.22	0.69	0.32*	2.33	0.00	2.33
12.80	0.23	0.69	0.33*	2.32	0.00	2.32
12.85	0.23	0.69	0.33*	2.31	0.00	2.31
12.90	0.23	0.69	0.34*	2.30	0.00	2.30
12.95	0.24	0.69	0.34*	2.28	0.00	2.28
13.00	0.24	0.69	0.35*	2.27	0.00	2.27
13.05	0.24	0.69	0.35*	2.26	0.00	2.26
13.10	0.25	0.70	0.35*	2.25	0.00	2.25
13.15	0.25	0.70	0.36*	2.24	0.00	2.24
13.20	0.25	0.70	0.36*	2.23	0.00	2.23
13.25	0.26	0.70	0.37*	2.22	0.00	2.22
13.30	0.26	0.70	0.37*	2.21	0.00	2.21
13.35	0.26	0.70	0.38*	2.20	0.00	2.20
13.40	0.27	0.70	0.38*	2.20	0.00	2.20
13.45	0.27	0.70	0.39*	2.19	0.00	2.19
13.50	0.27	0.70	0.39*	2.18	0.00	2.18
13.55	0.28	0.70	0.39*	2.17	0.00	2.17
13.60	0.28	0.71	0.40*	2.16	0.00	2.16
13.65	0.29	0.71	0.40*	2.15	0.00	2.15
13.70	0.29	0.71	0.41*	2.14	0.00	2.14
13.75	0.29	0.71	0.41*	2.13	0.00	2.13
13.80	0.30	0.71	0.42*	2.12	0.00	2.12
13.85	0.30	0.71	0.42*	2.11	0.00	2.11
13.90	0.30	0.71	0.43*	2.11	0.00	2.11
13.95	0.31	0.71	0.43*	2.10	0.00	2.10
14.00	0.31	0.71	0.44*	2.09	0.00	2.09
14.05	0.32	0.72	0.44*	2.08	0.00	2.08
14.10	0.32	0.72	0.45*	2.07	0.00	2.07
14.15	0.32	0.72	0.45*	2.07	0.00	2.07
14.20	0.33	0.72	0.46*	2.06	0.00	2.06
14.25	0.33	0.72	0.46*	2.05	0.00	2.05
14.30	0.34	0.72	0.47*	2.04	0.00	2.04
14.35	0.34	0.72	0.47*	2.03	0.00	2.03
14.40	0.35	0.72	0.48*	2.03	0.00	2.03
14.45	0.35	0.72	0.48*	2.02	0.00	2.02
14.50	0.36	0.72	0.49*	2.01	0.00	2.01
14.55	0.36	0.72	0.50*	2.01	0.00	2.01
14.60	0.37	0.73	0.50*	2.00	0.00	2.00

14.65	0.37	0.73	0.51*	1.99	0.00	1.99
14.70	0.38	0.73	0.52*	1.98	0.00	1.98
14.75	0.38	0.73	0.52*	1.98	0.00	1.98
14.80	0.41	0.73	0.56*	1.97	0.00	1.97
14.85	0.42	0.73	0.57*	1.96	0.00	1.96
14.90	0.42	0.73	0.58*	1.96	0.00	1.96
14.95	0.43	0.73	0.59*	1.95	0.00	1.95
15.00	0.44	0.73	0.60*	1.95	0.00	1.95
15.05	0.44	0.73	0.61*	1.94	0.00	1.94
15.10	0.45	0.74	0.61*	1.93	0.00	1.93
15.15	0.45	0.74	0.61*	1.93	0.00	1.93
15.20	0.46	0.74	0.62*	1.92	0.00	1.92
15.25	0.46	0.74	0.62*	1.92	0.00	1.92
15.30	0.46	0.74	0.63*	1.91	0.00	1.91
15.35	0.47	0.74	0.63*	1.91	0.00	1.91
15.40	0.47	0.74	0.64*	1.90	0.00	1.90
15.45	0.48	0.74	0.64*	1.89	0.00	1.89
15.50	0.48	0.74	0.65*	1.89	0.00	1.89
15.55	0.49	0.74	0.65*	1.88	0.00	1.88
15.60	0.49	0.74	0.66*	1.88	0.00	1.88
15.65	0.50	0.75	0.67*	1.87	0.00	1.87
15.70	0.51	0.75	0.68*	1.87	0.00	1.87
15.75	0.51	0.75	0.69*	1.86	0.00	1.86
15.80	0.52	0.75	0.70*	1.86	0.00	1.86
15.85	0.53	0.75	0.71*	1.85	0.00	1.85
15.90	0.54	0.75	0.73*	1.85	0.00	1.85
15.95	0.56	0.75	0.75*	1.84	0.00	1.84
16.00	0.58	0.75	0.78*	1.84	0.00	1.84
16.05	0.61	0.75	0.82*	1.84	0.00	1.84
16.10	0.64	0.75	0.85*	1.83	0.00	1.83
16.15	0.64	0.75	0.85*	1.83	0.00	1.83
16.20	0.64	0.75	0.85*	1.82	0.00	1.82
16.25	0.64	0.75	0.85*	1.82	0.00	1.82
16.30	0.64	0.76	0.85*	1.81	0.00	1.81
16.35	0.64	0.76	0.85*	1.81	0.00	1.81
16.40	0.64	0.76	0.85*	1.81	0.00	1.81
16.45	0.64	0.76	0.84*	1.80	0.00	1.80
16.50	0.64	0.76	0.84*	1.80	0.00	1.80
16.55	0.64	0.76	0.84*	1.79	0.00	1.79
16.60	0.64	0.76	0.84*	1.79	0.00	1.79
16.65	0.64	0.76	0.84*	1.79	0.00	1.79
16.70	0.64	0.76	0.84*	1.78	0.00	1.78
16.75	0.64	0.76	0.84*	1.78	0.00	1.78
16.80	0.64	0.76	0.84*	1.78	0.00	1.78
16.85	0.64	0.76	0.84*	1.77	0.00	1.77
16.90	0.64	0.76	0.84*	1.77	0.00	1.77
16.95	0.64	0.76	0.84*	1.77	0.00	1.77
17.00	0.64	0.76	0.84*	1.76	0.00	1.76
17.05	0.64	0.77	0.84*	1.76	0.00	1.76
17.10	0.64	0.77	0.84*	1.76	0.00	1.76
17.15	0.64	0.77	0.83*	1.75	0.00	1.75
17.20	0.64	0.77	0.83*	1.75	0.00	1.75
17.25	0.64	0.77	0.83*	1.75	0.00	1.75
17.30	0.64	0.77	0.83*	1.75	0.00	1.75
17.35	0.64	0.77	0.83*	1.74	0.00	1.74
17.40	0.64	0.77	0.83*	1.74	0.00	1.74
17.45	0.64	0.77	0.83*	1.74	0.00	1.74
17.50	0.64	0.77	0.83*	1.74	0.00	1.74
17.55	0.64	0.77	0.83*	1.73	0.00	1.73
17.60	0.64	0.77	0.83*	1.73	0.00	1.73
17.65	0.64	0.77	0.83*	1.73	0.00	1.73
17.70	0.64	0.77	0.83*	1.73	0.00	1.73
17.75	0.64	0.77	0.83*	1.72	0.00	1.72

17.80	0.64	0.77	0.83*	1.72	0.00	1.72
17.85	0.64	0.77	0.83*	1.72	0.00	1.72
17.90	0.64	0.77	0.83*	1.72	0.00	1.72
17.95	0.64	0.78	0.83*	1.72	0.00	1.72
18.00	0.64	0.78	0.83*	1.71	0.00	1.71
18.05	0.64	0.78	0.82*	1.71	0.00	1.71
18.10	0.64	0.78	0.82*	1.71	0.00	1.71
18.15	0.64	0.78	0.82*	1.71	0.00	1.71
18.20	0.64	0.78	0.82*	1.71	0.00	1.71
18.25	0.64	0.78	0.82*	1.70	0.00	1.70
18.30	0.64	0.78	0.82*	1.70	0.00	1.70
18.35	0.64	0.78	0.82*	1.70	0.00	1.70
18.40	0.64	0.78	0.82*	1.70	0.00	1.70
18.45	0.64	0.78	0.82*	1.70	0.00	1.70
18.50	0.64	0.78	0.82*	1.69	0.00	1.69
18.55	0.64	0.78	0.82*	1.69	0.00	1.69
18.60	0.64	0.78	0.82*	1.69	0.00	1.69
18.65	0.64	0.78	0.82*	1.69	0.00	1.69
18.70	0.64	0.78	0.82*	1.69	0.00	1.69
18.75	0.64	0.78	0.82*	1.69	0.00	1.69
18.80	0.64	0.78	0.82*	1.68	0.00	1.68
18.85	0.64	0.78	0.82*	1.68	0.00	1.68
18.90	0.64	0.78	0.82*	1.68	0.00	1.68
18.95	0.64	0.78	0.82*	1.68	0.00	1.68
19.00	0.64	0.78	0.82*	1.68	0.00	1.68
19.05	0.64	0.78	0.82*	1.68	0.00	1.68
19.10	0.64	0.78	0.82*	1.67	0.00	1.67
19.15	0.64	0.78	0.82*	1.67	0.00	1.67
19.20	0.64	0.78	0.82*	1.67	0.00	1.67
19.25	0.64	0.78	0.82*	1.67	0.00	1.67
19.30	0.64	0.79	0.82*	1.67	0.00	1.67
19.35	0.64	0.79	0.81*	1.67	0.00	1.67
19.40	0.64	0.79	0.81*	1.66	0.00	1.66
19.45	0.64	0.79	0.81*	1.66	0.00	1.66
19.50	0.64	0.79	0.81*	1.66	0.00	1.66
19.55	0.64	0.79	0.81*	1.66	0.00	1.66
19.60	0.64	0.79	0.81*	1.66	0.00	1.66
19.65	0.64	0.79	0.81*	1.66	0.00	1.66
19.70	0.64	0.79	0.81*	1.65	0.00	1.65
19.75	0.64	0.79	0.81*	1.65	0.00	1.65
19.80	0.64	0.79	0.81*	1.65	0.00	1.65
19.85	0.64	0.79	0.81*	1.65	0.00	1.65
19.90	0.64	0.79	0.81*	1.65	0.00	1.65
19.95	0.64	0.79	0.81*	1.65	0.00	1.65
20.00	0.64	0.79	0.81*	1.65	0.00	1.65
20.05	0.64	0.79	0.81*	1.64	0.00	1.64
20.10	0.64	0.79	0.81*	1.64	0.00	1.64
20.15	0.64	0.79	0.81*	1.64	0.00	1.64
20.20	0.64	0.79	0.81*	1.64	0.00	1.64
20.25	0.64	0.79	0.81*	1.64	0.00	1.64
20.30	0.64	0.79	0.81*	1.63	0.00	1.63
20.35	0.64	0.79	0.81*	1.63	0.00	1.63
20.40	0.64	0.79	0.81*	1.63	0.00	1.63
20.45	0.64	0.79	0.81*	1.62	0.00	1.62
20.50	0.64	0.79	0.81*	1.62	0.00	1.62
20.55	0.64	0.79	0.81*	1.62	0.00	1.62
20.60	0.64	0.79	0.81*	1.61	0.00	1.61
20.65	0.64	0.79	0.81*	1.61	0.00	1.61
20.70	0.64	0.79	0.81*	1.60	0.00	1.60
20.75	0.58	0.79	0.74*	1.60	0.00	1.60
20.80	0.54	0.79	0.68*	1.60	0.00	1.60
20.85	0.52	0.79	0.65*	1.59	0.00	1.59
20.90	0.50	0.79	0.63*	1.59	0.00	1.59

20.95	0.49	0.79	0.61*	1.58	0.00	1.58
21.00	0.47	0.79	0.60*	1.58	0.00	1.58
21.05	0.46	0.79	0.59*	1.57	0.00	1.57
21.10	0.46	0.79	0.58*	1.57	0.00	1.57
21.15	0.45	0.79	0.57*	1.56	0.00	1.56
21.20	0.44	0.79	0.56*	1.55	0.00	1.55
21.25	0.43	0.79	0.55*	1.55	0.00	1.55
21.30	0.43	0.79	0.54*	1.54	0.00	1.54
21.35	0.42	0.79	0.53*	1.54	0.00	1.54
21.40	0.41	0.79	0.52*	1.53	0.00	1.53
21.45	0.41	0.79	0.51*	1.52	0.00	1.52
21.50	0.40	0.79	0.51*	1.52	0.00	1.52
21.55	0.40	0.79	0.50*	1.51	0.00	1.51
21.60	0.39	0.79	0.49*	1.50	0.00	1.50
21.65	0.39	0.79	0.49*	1.50	0.00	1.50
21.70	0.38	0.79	0.48*	1.49	0.00	1.49
21.75	0.38	0.79	0.47*	1.48	0.00	1.48
21.80	0.37	0.79	0.47*	1.48	0.00	1.48
21.85	0.37	0.79	0.46*	1.47	0.00	1.47
21.90	0.36	0.79	0.46*	1.46	0.00	1.46
21.95	0.36	0.79	0.45*	1.46	0.00	1.46
22.00	0.35	0.79	0.45*	1.45	0.00	1.45
22.05	0.35	0.79	0.44*	1.44	0.00	1.44
22.10	0.35	0.79	0.44*	1.43	0.00	1.43
22.15	0.34	0.79	0.43*	1.43	0.00	1.43
22.20	0.34	0.79	0.43*	1.42	0.00	1.42
22.25	0.33	0.79	0.42*	1.41	0.00	1.41
22.30	0.33	0.79	0.42*	1.40	0.00	1.40
22.35	0.33	0.79	0.41*	1.40	0.00	1.40
22.40	0.32	0.79	0.41*	1.39	0.00	1.39
22.45	0.32	0.79	0.40*	1.38	0.00	1.38
22.50	0.32	0.79	0.40*	1.37	0.00	1.37
22.55	0.32	0.79	0.40*	1.36	0.00	1.36
22.60	0.32	0.79	0.40*	1.36	0.00	1.36
22.65	0.32	0.79	0.41*	1.35	0.00	1.35
22.70	0.33	0.79	0.41*	1.34	0.00	1.34
22.75	0.33	0.79	0.42*	1.33	0.00	1.33
22.80	0.33	0.80	0.42*	1.32	0.00	1.32
22.85	0.34	0.80	0.42*	1.32	0.00	1.32
22.90	0.34	0.80	0.43*	1.31	0.00	1.31
22.95	0.34	0.80	0.43*	1.30	0.00	1.30
23.00	0.35	0.80	0.43*	1.29	0.00	1.29
23.05	0.35	0.80	0.44*	1.29	0.00	1.29
23.10	0.35	0.80	0.44*	1.28	0.00	1.28
23.15	0.36	0.80	0.45*	1.27	0.00	1.27
23.20	0.36	0.80	0.45*	1.26	0.00	1.26
23.25	0.36	0.80	0.46*	1.26	0.00	1.26
23.30	0.37	0.80	0.46*	1.25	0.00	1.25
23.35	0.37	0.80	0.46*	1.24	0.00	1.24
23.40	0.37	0.80	0.47*	1.24	0.00	1.24
23.45	0.38	0.80	0.47*	1.23	0.00	1.23
23.50	0.38	0.80	0.48*	1.22	0.00	1.22
23.55	0.38	0.80	0.48*	1.22	0.00	1.22
23.60	0.39	0.80	0.49*	1.21	0.00	1.21
23.65	0.39	0.80	0.49*	1.20	0.00	1.20
23.70	0.40	0.80	0.50*	1.20	0.00	1.20
23.75	0.40	0.80	0.50*	1.19	0.00	1.19
23.80	0.40	0.80	0.51*	1.18	0.00	1.18
23.85	0.41	0.80	0.51*	1.18	0.00	1.18
23.90	0.41	0.80	0.52*	1.17	0.00	1.17
23.95	0.42	0.80	0.52*	1.16	0.00	1.16
24.00	0.42	0.80	0.53*	1.16	0.00	1.16
24.05	0.43	0.80	0.54*	1.15	0.00	1.15

24.10	0.43	0.80	0.54*	1.14	0.00	1.14
24.15	0.44	0.80	0.55*	1.14	0.00	1.14
24.20	0.44	0.80	0.55*	1.13	0.00	1.13
24.25	0.45	0.80	0.56*	1.13	0.00	1.13
24.30	0.45	0.80	0.57*	1.12	0.00	1.12
24.35	0.46	0.80	0.58*	1.11	0.00	1.11
24.40	0.47	0.80	0.58*	1.11	0.00	1.11
24.45	0.47	0.80	0.59*	1.10	0.00	1.10
24.50	0.48	0.80	0.60*	1.10	0.00	1.10
24.55	0.49	0.80	0.61*	1.09	0.00	1.09
24.60	0.50	0.80	0.63*	1.09	0.00	1.09
24.65	0.51	0.80	0.64*	1.08	0.00	1.08
24.70	0.52	0.80	0.66*	1.08	0.00	1.08
24.75	0.54	0.80	0.68*	1.07	0.00	1.07
24.80	0.57	0.80	0.72*	1.07	0.00	1.07
24.85	0.62	0.80	0.78*	1.06	0.00	1.06
24.90	0.64	0.80	0.80*	1.06	0.00	1.06
24.95	0.64	0.80	0.80*	1.06	0.00	1.06
25.00	0.64	0.80	0.80*	1.05	0.00	1.05
25.05	0.64	0.80	0.80*	1.05	0.00	1.05
25.10	0.64	0.80	0.80*	1.04	0.00	1.04
25.15	0.64	0.80	0.80*	1.04	0.00	1.04
25.20	0.64	0.80	0.80*	1.04	0.00	1.04
25.25	0.64	0.80	0.80*	1.03	0.00	1.03
25.30	0.64	0.80	0.80*	1.03	0.00	1.03
25.35	0.64	0.80	0.80*	1.03	0.00	1.03
25.40	0.64	0.80	0.80*	1.03	0.00	1.03
25.45	0.64	0.80	0.80*	1.03	0.00	1.03
25.50	0.64	0.80	0.80*	1.03	0.00	1.03
25.55	0.64	0.80	0.80*	1.03	0.00	1.03
25.60	0.64	0.80	0.80*	1.03	0.00	1.03
25.65	0.64	0.80	0.80*	1.02	0.00	1.02
25.70	0.64	0.80	0.80*	1.02	0.00	1.02
25.75	0.64	0.80	0.80*	1.02	0.00	1.02
25.80	0.64	0.80	0.80*	1.02	0.00	1.02
25.85	0.64	0.80	0.80*	1.02	0.00	1.02
25.90	0.64	0.80	0.80*	1.02	0.00	1.02
25.95	0.64	0.80	0.80*	1.02	0.00	1.02
26.00	0.64	0.80	0.80*	1.02	0.00	1.02
26.05	0.64	0.80	0.80*	1.02	0.00	1.02
26.10	0.64	0.80	0.80*	1.02	0.00	1.02
26.15	0.64	0.80	0.80*	1.02	0.00	1.02
26.20	0.64	0.80	0.80*	1.02	0.00	1.02
26.25	0.64	0.80	0.80*	1.02	0.00	1.02
26.30	0.64	0.80	0.80*	1.02	0.00	1.02
26.35	0.64	0.80	0.80*	1.02	0.00	1.02
26.40	0.64	0.80	0.80*	1.02	0.00	1.02
26.45	0.64	0.80	0.80*	1.02	0.00	1.02
26.50	0.64	0.80	0.80*	1.02	0.00	1.02
26.55	0.64	0.80	0.80*	1.02	0.00	1.02
26.60	0.64	0.80	0.80*	1.02	0.00	1.02
26.65	0.64	0.80	0.80*	1.02	0.00	1.02
26.70	0.64	0.80	0.80*	1.02	0.00	1.02
26.75	0.64	0.80	0.80*	1.02	0.00	1.02
26.80	0.64	0.80	0.80*	1.02	0.00	1.02
26.85	0.64	0.80	0.80*	1.02	0.00	1.02
26.90	0.64	0.80	0.80*	1.02	0.00	1.02
26.95	0.64	0.80	0.80*	1.02	0.00	1.02
27.00	0.64	0.80	0.80*	1.02	0.00	1.02
27.05	0.64	0.80	0.80*	1.02	0.00	1.02
27.10	0.64	0.80	0.80*	1.02	0.00	1.02
27.15	0.64	0.80	0.80*	1.02	0.00	1.02
27.20	0.64	0.80	0.80*	1.02	0.00	1.02

27.25	0.64	0.80	0.80*	1.02	0.00	1.02
27.30	0.64	0.80	0.80*	1.02	0.00	1.02
27.35	0.64	0.80	0.80*	1.02	0.00	1.02
27.40	0.64	0.80	0.80*	1.02	0.00	1.02
27.45	0.64	0.80	0.80*	1.02	0.00	1.02
27.50	0.64	0.80	0.80*	1.02	0.00	1.02
27.55	0.64	0.80	0.80*	1.02	0.00	1.02
27.60	0.64	0.80	0.80*	1.02	0.00	1.02
27.65	0.64	0.80	0.80*	1.02	0.00	1.02
27.70	0.64	0.80	0.80*	1.02	0.00	1.02
27.75	0.64	0.80	0.80*	1.02	0.00	1.02
27.80	0.64	0.80	0.80*	1.02	0.00	1.02
27.85	0.64	0.80	0.80*	1.02	0.00	1.02
27.90	0.64	0.80	0.80*	1.02	0.00	1.02
27.95	0.64	0.80	0.80*	1.02	0.00	1.02
28.00	0.64	0.80	0.80*	1.02	0.00	1.02
28.05	0.64	0.80	0.80*	1.02	0.00	1.02
28.10	0.64	0.80	0.80*	1.02	0.00	1.02
28.15	0.64	0.80	0.80*	1.02	0.00	1.02
28.20	0.64	0.80	0.80*	1.02	0.00	1.02
28.25	0.64	0.80	0.80*	1.02	0.00	1.02
28.30	0.64	0.80	0.80*	1.02	0.00	1.02
28.35	0.64	0.80	0.80*	1.02	0.00	1.02
28.40	0.64	0.80	0.80*	1.02	0.00	1.02
28.45	0.64	0.80	0.80*	1.02	0.00	1.02
28.50	0.64	0.80	0.80*	1.02	0.00	1.02
28.55	0.64	0.80	0.80*	1.02	0.00	1.02
28.60	0.64	0.80	0.80*	1.02	0.00	1.02
28.65	0.64	0.80	0.81*	1.02	0.00	1.02
28.70	0.64	0.80	0.80*	1.02	0.00	1.02
28.75	0.64	0.80	0.80*	1.02	0.00	1.02
28.80	0.64	0.80	0.80*	1.02	0.00	1.02
28.85	0.64	0.80	0.80*	1.02	0.00	1.02
28.90	0.64	0.80	0.80*	1.02	0.00	1.02
28.95	0.64	0.80	0.80*	1.02	0.00	1.02
29.00	0.64	0.80	0.80*	1.02	0.00	1.02
29.05	0.64	0.80	0.80*	1.02	0.00	1.02
29.10	0.64	0.80	0.80*	1.02	0.00	1.02
29.15	0.64	0.80	0.80*	1.02	0.00	1.02
29.20	0.64	0.80	0.80*	1.02	0.00	1.02
29.25	0.64	0.80	0.80*	1.02	0.00	1.02
29.30	0.64	0.80	0.80*	1.02	0.00	1.02
29.35	0.64	0.80	0.80*	1.02	0.00	1.02
29.40	0.64	0.80	0.80*	1.02	0.00	1.02
29.45	0.64	0.80	0.80*	1.02	0.00	1.02
29.50	0.64	0.80	0.80*	1.02	0.00	1.02
29.55	0.64	0.80	0.80*	1.02	0.00	1.02
29.60	0.64	0.80	0.80*	1.02	0.00	1.02
29.65	0.64	0.80	0.80*	1.02	0.00	1.02
29.70	0.64	0.80	0.80*	1.02	0.00	1.02
29.75	0.64	0.80	0.80*	1.02	0.00	1.02
29.80	0.64	0.80	0.80*	1.02	0.00	1.02
29.85	0.64	0.80	0.80*	1.02	0.00	1.02
29.90	0.64	0.80	0.80*	1.02	0.00	1.02
29.95	0.64	0.80	0.80*	1.02	0.00	1.02
30.00	0.64	0.80	0.80*	1.02	0.00	1.02
30.05	0.64	0.80	0.80*	1.02	0.00	1.02
30.10	0.64	0.80	0.80*	1.02	0.00	1.02
30.15	0.64	0.80	0.80*	1.02	0.00	1.02
30.20	0.64	0.80	0.80*	1.02	0.00	1.02
30.25	0.64	0.80	0.80*	1.02	0.00	1.02
30.30	0.64	0.80	0.80*	1.02	0.00	1.02
30.35	0.64	0.80	0.80*	1.02	0.00	1.02

30.40	0.64	0.80	0.80*	1.02	0.00	1.02
30.45	0.64	0.80	0.80*	1.02	0.00	1.02
30.50	0.64	0.80	0.80*	1.02	0.00	1.02
30.55	0.64	0.80	0.80*	1.02	0.00	1.02
30.60	0.64	0.80	0.80*	1.02	0.00	1.02
30.65	0.64	0.80	0.80*	1.02	0.00	1.02
30.70	0.64	0.80	0.80*	1.02	0.00	1.02
30.75	0.64	0.80	0.80*	1.02	0.00	1.02
30.80	0.64	0.80	0.80*	1.02	0.00	1.02
30.85	0.64	0.80	0.80*	1.02	0.00	1.02
30.90	0.63	0.80	0.80*	1.02	0.00	1.02
30.95	0.63	0.79	0.80*	1.02	0.00	1.02
31.00	0.63	0.79	0.80*	1.02	0.00	1.02
31.05	0.63	0.79	0.80*	1.02	0.00	1.02
31.10	0.63	0.79	0.80*	1.02	0.00	1.02
31.15	0.63	0.79	0.80*	1.02	0.00	1.02
31.20	0.63	0.79	0.80*	1.02	0.00	1.02
31.25	0.63	0.79	0.80*	1.02	0.00	1.02
31.30	0.63	0.79	0.80*	1.02	0.00	1.02
31.35	0.63	0.79	0.80*	1.02	0.00	1.02
31.40	0.63	0.79	0.80*	1.02	0.00	1.02
31.45	0.63	0.79	0.80*	1.02	0.00	1.02
31.50	0.63	0.79	0.80*	1.02	0.00	1.02
31.55	0.63	0.79	0.80*	1.02	0.00	1.02
31.60	0.63	0.79	0.80*	1.02	0.00	1.02
31.65	0.63	0.79	0.80*	1.02	0.00	1.02
31.70	0.63	0.79	0.80*	1.02	0.00	1.02
31.75	0.63	0.79	0.80*	1.02	0.00	1.02
31.80	0.63	0.79	0.80*	1.02	0.00	1.02
31.85	0.63	0.79	0.80*	1.02	0.00	1.02
31.90	0.63	0.79	0.80*	1.02	0.00	1.02
31.95	0.63	0.79	0.80*	1.02	0.00	1.02
32.00	0.63	0.79	0.80*	1.02	0.00	1.02
32.05	0.63	0.79	0.80*	1.02	0.00	1.02
32.10	0.63	0.79	0.80*	1.02	0.00	1.02
32.15	0.63	0.79	0.80*	1.02	0.00	1.02
32.20	0.63	0.79	0.80*	1.02	0.00	1.02
32.25	0.63	0.79	0.80*	1.02	0.00	1.02
32.30	0.63	0.79	0.80*	1.02	0.00	1.02
32.35	0.63	0.79	0.80*	1.02	0.00	1.02
32.40	0.63	0.79	0.80*	1.02	0.00	1.02
32.45	0.63	0.79	0.80*	1.02	0.00	1.02
32.50	0.63	0.79	0.80*	1.02	0.00	1.02
32.55	0.63	0.79	0.80*	1.02	0.00	1.02
32.60	0.63	0.79	0.80*	1.02	0.00	1.02
32.65	0.63	0.79	0.80*	1.02	0.00	1.02
32.70	0.63	0.78	0.80*	1.02	0.00	1.02
32.75	0.63	0.78	0.80*	1.02	0.00	1.02
32.80	0.63	0.78	0.80*	1.02	0.00	1.02
32.85	0.63	0.78	0.80*	1.02	0.00	1.02
32.90	0.63	0.78	0.80*	1.02	0.00	1.02
32.95	0.63	0.78	0.80*	1.02	0.00	1.02
33.00	0.63	0.78	0.80*	1.02	0.00	1.02
33.05	0.63	0.78	0.80*	1.02	0.00	1.02
33.10	0.63	0.78	0.80*	1.02	0.00	1.02
33.15	0.63	0.78	0.80*	1.02	0.00	1.02
33.20	0.63	0.78	0.80*	1.02	0.00	1.02
33.25	0.63	0.78	0.80*	1.02	0.00	1.02
33.30	0.63	0.78	0.80*	1.02	0.00	1.02
33.35	0.63	0.78	0.80*	1.02	0.00	1.02
33.40	0.63	0.78	0.80*	1.02	0.00	1.02
33.45	0.62	0.78	0.80*	1.02	0.00	1.02
33.50	0.62	0.78	0.80*	1.02	0.00	1.02

33.55	0.62	0.78	0.80*	1.02	0.00	1.02
33.60	0.62	0.78	0.80*	1.02	0.00	1.02
33.65	0.62	0.78	0.80*	1.02	0.00	1.02
33.70	0.62	0.78	0.80*	1.02	0.00	1.02
33.75	0.62	0.78	0.80*	1.02	0.00	1.02
33.80	0.62	0.78	0.80*	1.02	0.00	1.02
33.85	0.62	0.78	0.80*	1.02	0.00	1.02
33.90	0.62	0.78	0.80*	1.02	0.00	1.02
33.95	0.62	0.78	0.80*	1.02	0.00	1.02
34.00	0.62	0.78	0.80*	1.02	0.00	1.02
34.05	0.62	0.78	0.80*	1.02	0.00	1.02
34.10	0.62	0.78	0.80*	1.02	0.00	1.02
34.15	0.62	0.78	0.80*	1.02	0.00	1.02
34.20	0.62	0.78	0.80*	1.02	0.00	1.02
34.25	0.62	0.77	0.80*	1.02	0.00	1.02
34.30	0.62	0.77	0.80*	1.02	0.00	1.02
34.35	0.62	0.77	0.80*	1.02	0.00	1.02
34.40	0.62	0.77	0.80*	1.02	0.00	1.02
34.45	0.62	0.77	0.80*	1.02	0.00	1.02
34.50	0.62	0.77	0.80*	1.02	0.00	1.02
34.55	0.62	0.77	0.80*	1.02	0.00	1.02
34.60	0.62	0.77	0.80*	1.02	0.00	1.02
34.65	0.62	0.77	0.80*	1.02	0.00	1.02
34.70	0.62	0.77	0.80*	1.02	0.00	1.02
34.75	0.62	0.77	0.80*	1.02	0.00	1.02
34.80	0.62	0.77	0.80*	1.02	0.00	1.02
34.85	0.62	0.77	0.80*	1.02	0.00	1.02
34.90	0.62	0.77	0.80*	1.02	0.00	1.02
34.95	0.62	0.77	0.80*	1.02	0.00	1.02
35.00	0.62	0.77	0.80*	1.02	0.00	1.02
35.05	0.62	0.77	0.80*	1.02	0.00	1.02
35.10	0.62	0.77	0.80*	1.02	0.00	1.02
35.15	0.62	0.77	0.80*	1.02	0.00	1.02
35.20	0.62	0.77	0.80*	1.02	0.00	1.02
35.25	0.62	0.77	0.80*	1.02	0.00	1.02
35.30	0.62	0.77	0.80*	1.02	0.00	1.02
35.35	0.62	0.77	0.80*	1.02	0.00	1.02
35.40	0.62	0.77	0.80*	1.02	0.00	1.02
35.45	0.62	0.77	0.80*	1.02	0.00	1.02
35.50	0.62	0.77	0.80*	1.02	0.00	1.02
35.55	0.62	0.77	0.81*	1.02	0.00	1.02
35.60	0.62	0.77	0.81*	1.02	0.00	1.02
35.65	0.62	0.77	0.81*	1.02	0.00	1.02
35.70	0.62	0.77	0.81*	1.02	0.00	1.02
35.75	0.62	0.76	0.81*	1.02	0.00	1.02
35.80	0.62	0.76	0.81*	1.02	0.00	1.02
35.85	0.62	0.76	0.81*	1.02	0.00	1.02
35.90	0.62	0.76	0.81*	1.02	0.00	1.02
35.95	0.62	0.76	0.81*	1.02	0.00	1.02
36.00	0.62	0.76	0.81*	1.02	0.00	1.02
36.05	0.61	0.76	0.81*	1.02	0.00	1.02
36.10	0.61	0.76	0.81*	1.02	0.00	1.02
36.15	0.61	0.76	0.81*	1.02	0.00	1.02
36.20	0.61	0.76	0.81*	1.02	0.00	1.02
36.25	0.61	0.76	0.81*	1.02	0.00	1.02
36.30	0.61	0.76	0.81*	1.02	0.00	1.02
36.35	0.61	0.76	0.81*	1.02	0.00	1.02
36.40	0.61	0.76	0.81*	1.02	0.00	1.02
36.45	0.61	0.76	0.81*	1.02	0.00	1.02
36.50	0.61	0.76	0.81*	1.02	0.00	1.02
36.55	0.61	0.76	0.81*	1.02	0.00	1.02
36.60	0.61	0.76	0.81*	1.02	0.00	1.02
36.65	0.61	0.76	0.81*	1.02	0.00	1.02

36.70	0.61	0.76	0.81*	1.02	0.00	1.02
36.75	0.61	0.76	0.81*	1.02	0.00	1.02
36.80	0.61	0.76	0.81*	1.02	0.00	1.02
36.85	0.61	0.76	0.81*	1.01	0.00	1.01
36.90	0.50	0.76	0.66*	1.01	0.00	1.01
36.95	0.45	0.76	0.59*	1.00	0.00	1.00
37.00	0.42	0.76	0.55*	1.00	0.00	1.00
37.05	0.39	0.76	0.52*	0.99	0.00	0.99
37.10	0.37	0.76	0.49*	0.99	0.00	0.99
37.15	0.35	0.76	0.47*	0.98	0.00	0.98
37.20	0.34	0.76	0.44*	0.97	0.00	0.97
37.25	0.32	0.76	0.42*	0.96	0.00	0.96
37.30	0.31	0.75	0.40*	0.96	0.00	0.96
37.35	0.29	0.75	0.39*	0.95	0.00	0.95
37.40	0.28	0.75	0.37*	0.94	0.00	0.94
37.45	0.27	0.75	0.35*	0.93	0.00	0.93
37.50	0.25	0.75	0.34*	0.92	0.00	0.92
37.55	0.26	0.75	0.34*	0.91	0.00	0.91
37.60	0.26	0.75	0.35*	0.90	0.00	0.90
37.65	0.27	0.75	0.36*	0.90	0.00	0.90
37.70	0.27	0.75	0.36*	0.89	0.00	0.89
37.75	0.28	0.75	0.37*	0.88	0.00	0.88
37.80	0.28	0.75	0.37*	0.87	0.00	0.87
37.85	0.29	0.75	0.38*	0.86	0.00	0.86
37.90	0.29	0.75	0.39*	0.85	0.00	0.85
37.95	0.30	0.75	0.39*	0.84	0.00	0.84
38.00	0.30	0.75	0.40*	0.84	0.00	0.84
38.05	0.31	0.75	0.41*	0.83	0.00	0.83
38.10	0.31	0.75	0.41*	0.82	0.00	0.82
38.15	0.32	0.75	0.42*	0.81	0.00	0.81
38.20	0.32	0.75	0.43*	0.80	0.00	0.80
38.25	0.33	0.75	0.44*	0.80	0.00	0.80
38.30	0.33	0.75	0.44*	0.79	0.00	0.79
38.35	0.34	0.75	0.45*	0.78	0.00	0.78
38.40	0.34	0.75	0.46*	0.77	0.00	0.77
38.45	0.35	0.75	0.47*	0.77	0.00	0.77
38.50	0.36	0.75	0.48*	0.76	0.00	0.76
38.55	0.36	0.75	0.49*	0.75	0.00	0.75
38.60	0.37	0.75	0.50*	0.75	0.00	0.75
38.65	0.38	0.75	0.51*	0.74	0.00	0.74
38.70	0.39	0.75	0.52*	0.73	0.00	0.73
38.75	0.39	0.75	0.53*	0.73	0.00	0.73
38.80	0.40	0.75	0.54*	0.72	0.00	0.72
38.85	0.41	0.75	0.55*	0.71	0.00	0.71
38.90	0.42	0.75	0.56*	0.71	0.00	0.71
38.95	0.43	0.75	0.58*	0.70	0.00	0.70
39.00	0.44	0.74	0.60*	0.70	0.00	0.70
39.05	0.46	0.74	0.62*	0.69	0.00	0.69
39.10	0.48	0.74	0.64*	0.69	0.00	0.69
39.15	0.50	0.74	0.68*	0.68	0.00	0.68
39.20	0.56	0.74	0.76*	0.68	0.00	0.68
39.25	0.60	0.74	0.81*	0.67	0.00	0.67
39.30	0.60	0.74	0.81*	0.67	0.00	0.67
39.35	0.60	0.74	0.81*	0.66	0.00	0.66
39.40	0.60	0.74	0.81*	0.66	0.00	0.66
39.45	0.60	0.74	0.81*	0.66	0.00	0.66
39.50	0.60	0.74	0.81*	0.65	0.00	0.65
39.55	0.60	0.74	0.81*	0.65	0.00	0.65
39.60	0.60	0.74	0.81*	0.65	0.00	0.65
39.65	0.60	0.74	0.81*	0.65	0.00	0.65
39.70	0.60	0.74	0.81*	0.64	0.00	0.64
39.75	0.60	0.74	0.81*	0.64	0.00	0.64
39.80	0.60	0.74	0.81*	0.64	0.00	0.64

39.85	0.60	0.74	0.81*	0.64	0.00	0.64
39.90	0.60	0.74	0.81*	0.64	0.00	0.64
39.95	0.60	0.74	0.81*	0.64	0.00	0.64
40.00	0.60	0.74	0.81*	0.64	0.00	0.64
40.05	0.60	0.74	0.81*	0.63	0.00	0.63
40.10	0.60	0.74	0.81*	0.63	0.00	0.63
40.15	0.60	0.74	0.81*	0.63	0.00	0.63
40.20	0.60	0.74	0.81*	0.63	0.00	0.63
40.25	0.60	0.74	0.81*	0.63	0.00	0.63
40.30	0.60	0.74	0.81*	0.63	0.00	0.63
40.35	0.60	0.74	0.81*	0.63	0.00	0.63
40.40	0.60	0.74	0.81*	0.63	0.00	0.63
40.45	0.60	0.74	0.81*	0.63	0.00	0.63
40.50	0.60	0.74	0.81*	0.62	0.00	0.62
40.55	0.60	0.74	0.81*	0.62	0.00	0.62
40.60	0.60	0.74	0.81*	0.62	0.00	0.62
40.65	0.60	0.74	0.81*	0.62	0.00	0.62
40.70	0.60	0.74	0.81*	0.61	0.00	0.61
40.75	0.60	0.74	0.81*	0.61	0.00	0.61
40.80	0.60	0.73	0.81*	0.61	0.00	0.61
40.85	0.60	0.73	0.81*	0.60	0.00	0.60
40.90	0.60	0.73	0.81*	0.60	0.00	0.60
40.95	0.60	0.73	0.81*	0.60	0.00	0.60
41.00	0.60	0.73	0.81*	0.59	0.00	0.59
41.05	0.60	0.73	0.81*	0.59	0.00	0.59
41.10	0.59	0.73	0.80*	0.58	0.00	0.58
41.15	0.53	0.73	0.72*	0.58	0.00	0.58
41.20	0.50	0.73	0.68*	0.58	0.00	0.58
41.25	0.48	0.73	0.65*	0.57	0.00	0.57
41.30	0.46	0.73	0.63*	0.57	0.00	0.57
41.35	0.45	0.73	0.61*	0.56	0.00	0.56
41.40	0.44	0.73	0.60*	0.56	0.00	0.56
41.45	0.43	0.73	0.59*	0.55	0.00	0.55
41.50	0.42	0.73	0.58*	0.54	0.00	0.54
41.55	0.42	0.73	0.57*	0.54	0.00	0.54
41.60	0.41	0.73	0.56*	0.53	0.00	0.53
41.65	0.40	0.73	0.55*	0.53	0.00	0.53
41.70	0.40	0.73	0.54*	0.52	0.00	0.52
41.75	0.39	0.73	0.53*	0.51	0.00	0.51
41.80	0.38	0.73	0.53*	0.51	0.00	0.51
41.85	0.38	0.73	0.52*	0.50	0.00	0.50
41.90	0.37	0.73	0.51*	0.50	0.00	0.50
41.95	0.37	0.73	0.51*	0.49	0.00	0.49
42.00	0.36	0.73	0.50*	0.48	0.00	0.48
42.05	0.36	0.73	0.49*	0.48	0.00	0.48
42.10	0.35	0.73	0.49*	0.47	0.00	0.47
42.15	0.35	0.73	0.48*	0.46	0.00	0.46
42.20	0.35	0.73	0.48*	0.46	0.00	0.46
42.25	0.34	0.73	0.47*	0.45	0.00	0.45
42.30	0.34	0.73	0.46*	0.44	0.00	0.44
42.35	0.33	0.73	0.46*	0.43	0.00	0.43
42.40	0.33	0.73	0.45*	0.43	0.00	0.43
42.45	0.33	0.73	0.45*	0.42	0.00	0.42
42.50	0.32	0.73	0.44*	0.41	0.00	0.41
42.55	0.32	0.73	0.45*	0.41	0.00	0.41
42.60	0.33	0.72	0.45*	0.40	0.00	0.40
42.65	0.33	0.72	0.45*	0.39	0.00	0.39
42.70	0.33	0.72	0.45*	0.38	0.00	0.38
42.75	0.33	0.72	0.46*	0.38	0.00	0.38
42.80	0.33	0.72	0.46*	0.37	0.00	0.37
42.85	0.33	0.72	0.46*	0.36	0.00	0.36
42.90	0.34	0.72	0.46*	0.35	0.00	0.35
42.95	0.34	0.72	0.47*	0.35	0.00	0.35

43.00	0.34	0.72	0.47*	0.34	0.00	0.34
43.05	0.34	0.72	0.47*	0.33	0.00	0.33
43.10	0.34	0.72	0.48*	0.33	0.00	0.33
43.15	0.35	0.72	0.48*	0.32	0.00	0.32
43.20	0.35	0.72	0.48*	0.31	0.00	0.31
43.25	0.35	0.72	0.48*	0.31	0.00	0.31
43.30	0.35	0.72	0.49*	0.30	0.00	0.30
43.35	0.35	0.72	0.49*	0.29	0.00	0.29
43.40	0.36	0.72	0.49*	0.28	0.00	0.28
43.45	0.36	0.72	0.50*	0.28	0.00	0.28
43.50	0.36	0.72	0.50*	0.27	0.00	0.27
43.55	0.36	0.72	0.50*	0.26	0.00	0.26
43.60	0.36	0.72	0.51*	0.26	0.00	0.26
43.65	0.37	0.72	0.51*	0.25	0.00	0.25
43.70	0.37	0.72	0.51*	0.25	0.00	0.25
43.75	0.37	0.72	0.52*	0.24	0.00	0.24
43.80	0.37	0.72	0.52*	0.23	0.00	0.23
43.85	0.37	0.72	0.52*	0.23	0.00	0.23
43.90	0.38	0.72	0.53*	0.22	0.00	0.22
43.95	0.38	0.72	0.53*	0.21	0.00	0.21
44.00	0.38	0.72	0.53*	0.21	0.00	0.21
44.05	0.38	0.72	0.54*	0.20	0.00	0.20
44.10	0.39	0.72	0.54*	0.19	0.00	0.19
44.15	0.39	0.72	0.54*	0.19	0.00	0.19
44.20	0.39	0.72	0.55*	0.18	0.00	0.18
44.25	0.39	0.72	0.55*	0.18	0.00	0.18
44.30	0.40	0.71	0.56*	0.17	0.00	0.17
44.35	0.40	0.71	0.56*	0.16	0.00	0.16
44.40	0.40	0.71	0.56*	0.16	0.00	0.16
44.45	0.41	0.71	0.57*	0.15	0.00	0.15
44.50	0.41	0.71	0.57*	0.15	0.00	0.15
44.55	0.41	0.71	0.58*	0.14	0.00	0.14
44.60	0.42	0.71	0.58*	0.13	0.00	0.13
44.65	0.42	0.71	0.59*	0.13	0.00	0.13
44.70	0.42	0.71	0.59*	0.12	0.00	0.12
44.75	0.43	0.71	0.60*	0.12	0.00	0.12
44.80	0.43	0.71	0.60*	0.11	0.00	0.11
44.85	0.43	0.71	0.61*	0.11	0.00	0.11
44.90	0.44	0.71	0.61*	0.10	0.00	0.10
44.95	0.44	0.71	0.62*	0.09	0.00	0.09
45.00	0.45	0.71	0.63*	0.09	0.00	0.09
45.05	0.46	0.71	0.64*	0.08	0.00	0.08
45.10	0.47	0.71	0.67*	0.08	0.00	0.08
45.15	0.49	0.71	0.69*	0.07	0.00	0.07
45.20	0.53	0.71	0.74*	0.07	0.00	0.07
45.25	0.58	0.71	0.82*	0.07	0.00	0.07
45.30	0.58	0.71	0.82*	0.06	0.00	0.06
45.35	0.58	0.71	0.82*	0.06	0.00	0.06
45.40	0.58	0.71	0.82*	0.05	0.00	0.05
45.45	0.58	0.71	0.82*	0.05	0.00	0.05
45.50	0.58	0.71	0.82*	0.05	0.00	0.05
45.55	0.58	0.71	0.82*	0.04	0.00	0.04
45.60	0.58	0.71	0.83*	0.04	0.00	0.04
45.65	0.58	0.71	0.83*	0.03	0.00	0.03
45.70	0.58	0.71	0.83*	0.03	0.00	0.03
45.75	0.58	0.71	0.83*	0.03	0.00	0.03
45.80	0.58	0.71	0.83*	0.03	0.00	0.03
45.85	0.58	0.71	0.83*	0.02	0.00	0.02
45.90	0.58	0.70	0.83*	0.02	0.00	0.02
45.95	0.58	0.70	0.83*	0.02	0.00	0.02
46.00	0.58	0.70	0.83*	0.02	0.00	0.02
46.05	0.58	0.70	0.83*	0.02	0.00	0.02
46.10	0.58	0.70	0.83*	0.01	0.00	0.01

46.15	0.58	0.70	0.83*	0.01	0.00	0.01
46.20	0.58	0.70	0.83*	0.01	0.00	0.01
46.25	0.58	0.70	0.83*	0.01	0.00	0.01
46.30	0.58	0.70	0.83*	0.01	0.00	0.01
46.35	0.58	0.70	0.83*	0.01	0.00	0.01
46.40	0.58	0.70	0.83*	0.01	0.00	0.01
46.45	0.58	0.70	0.83*	0.01	0.00	0.01
46.50	0.58	0.70	0.83*	0.01	0.00	0.01
46.55	0.58	0.70	0.83*	0.01	0.00	0.01
46.60	0.58	0.70	0.83*	0.00	0.00	0.00
46.65	0.58	0.70	0.83*	0.00	0.00	0.00
46.70	0.58	0.70	0.83*	0.00	0.00	0.00
46.75	0.58	0.70	0.83*	0.00	0.00	0.00
46.80	0.58	0.70	0.83*	0.00	0.00	0.00
46.85	0.58	0.70	0.83*	0.00	0.00	0.00
46.90	0.58	0.70	0.83*	0.00	0.00	0.00
46.95	0.58	0.70	0.83*	0.00	0.00	0.00
47.00	0.58	0.70	0.83*	0.00	0.00	0.00
47.05	0.58	0.70	0.83*	0.00	0.00	0.00
47.10	0.58	0.70	0.83*	0.00	0.00	0.00
47.15	0.58	0.70	0.83*	0.00	0.00	0.00
47.20	0.58	0.70	0.83*	0.00	0.00	0.00
47.25	0.58	0.70	0.83*	0.00	0.00	0.00
47.30	0.58	0.70	0.83*	0.00	0.00	0.00
47.35	0.58	0.70	0.83*	0.00	0.00	0.00
47.40	0.58	0.70	0.83*	0.00	0.00	0.00
47.45	0.58	0.70	0.83*	0.00	0.00	0.00
47.50	0.58	0.69	0.83*	0.00	0.00	0.00
47.55	0.58	0.69	0.83*	0.00	0.00	0.00
47.60	0.58	0.69	0.83*	0.00	0.00	0.00
47.65	0.58	0.69	0.83*	0.00	0.00	0.00
47.70	0.58	0.69	0.83*	0.00	0.00	0.00
47.75	0.58	0.69	0.83*	0.00	0.00	0.00
47.80	0.58	0.69	0.83*	0.00	0.00	0.00
47.85	0.58	0.69	0.83*	0.00	0.00	0.00
47.90	0.58	0.69	0.83*	0.00	0.00	0.00
47.95	0.58	0.69	0.83*	0.00	0.00	0.00
48.00	0.58	0.69	0.83*	0.00	0.00	0.00
48.05	0.58	0.69	0.83*	0.00	0.00	0.00
48.10	0.58	0.69	0.83*	0.00	0.00	0.00
48.15	0.58	0.69	0.83*	0.00	0.00	0.00
48.20	0.58	0.69	0.83*	0.00	0.00	0.00
48.25	0.58	0.69	0.83*	0.00	0.00	0.00
48.30	0.57	0.69	0.83*	0.00	0.00	0.00
48.35	0.57	0.69	0.83*	0.00	0.00	0.00
48.40	0.57	0.69	0.83*	0.00	0.00	0.00
48.45	0.57	0.69	0.83*	0.00	0.00	0.00
48.50	0.57	0.69	0.83*	0.00	0.00	0.00
48.55	0.57	0.69	0.83*	0.00	0.00	0.00
48.60	0.57	0.69	0.83*	0.00	0.00	0.00
48.65	0.57	0.69	0.83*	0.00	0.00	0.00
48.70	0.57	0.69	0.83*	0.00	0.00	0.00
48.75	0.57	0.69	0.84*	0.00	0.00	0.00
48.80	0.57	0.69	0.84*	0.00	0.00	0.00
48.85	0.57	0.69	0.84*	0.00	0.00	0.00
48.90	0.57	0.69	0.84*	0.00	0.00	0.00
48.95	0.57	0.69	0.84*	0.00	0.00	0.00
49.00	0.57	0.69	0.84*	0.00	0.00	0.00
49.05	0.57	0.68	0.84*	0.00	0.00	0.00
49.10	0.57	0.68	0.84*	0.00	0.00	0.00
49.15	0.57	0.68	0.84*	0.00	0.00	0.00
49.20	0.57	0.68	0.84*	0.00	0.00	0.00
49.25	0.57	0.68	0.84*	0.00	0.00	0.00

49.30	0.57	0.68	0.84*	0.00	0.00	0.00
49.35	0.57	0.68	0.84*	0.00	0.00	0.00
49.40	0.57	0.68	0.84*	0.00	0.00	0.00
49.45	0.57	0.68	0.84*	0.00	0.00	0.00
49.50	0.57	0.68	0.84*	0.00	0.00	0.00
49.55	0.57	0.68	0.84*	0.00	0.00	0.00
49.60	0.57	0.68	0.84*	0.00	0.00	0.00
49.65	0.57	0.68	0.84*	0.00	0.00	0.00
49.70	0.57	0.68	0.84*	0.00	0.00	0.00
49.75	0.57	0.68	0.84*	0.00	0.00	0.00
49.80	0.57	0.68	0.84*	0.00	0.00	0.00
49.85	0.57	0.68	0.84*	0.00	0.00	0.00
49.90	0.57	0.68	0.84*	0.00	0.00	0.00
49.95	0.57	0.68	0.84*	0.00	0.00	0.00
50.00	0.57	0.68	0.84*	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

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1 atm (atmosphere) = 1 tsf (ton/ft2)

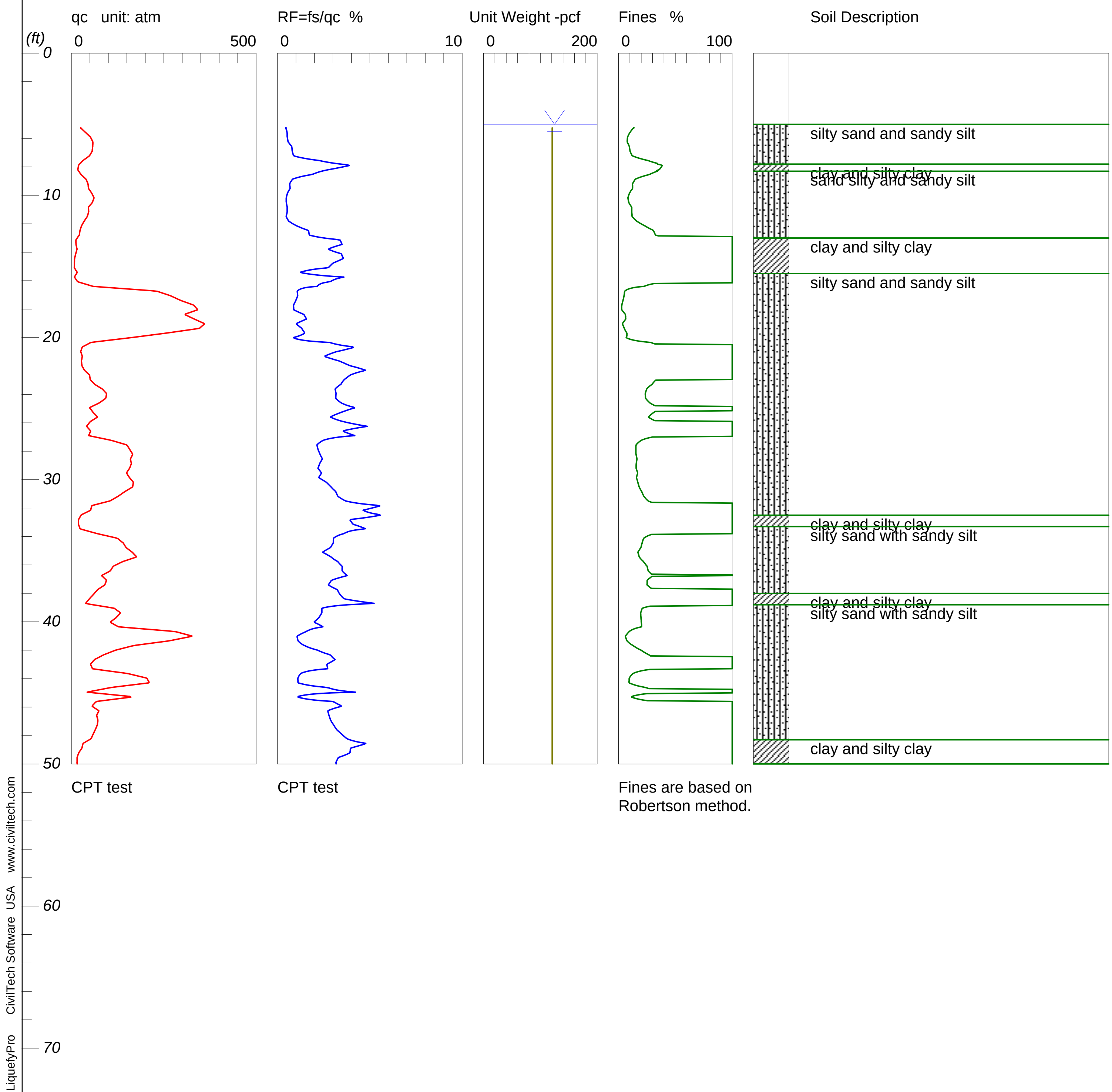
CRRm	Cyclic resistance ratio from soils
CSRsf	Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S.	Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat	Settlement from saturated sands
S_dry	Settlement from Unsaturated Sands
S_all	Total Settlement from Saturated and Unsaturated Sands
NoLiq	No-Liquefy Soils

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=CPT-1 Water Depth=5 ft Surface Elev.=244

Magnitude=6.81
Acceleration=0.656g



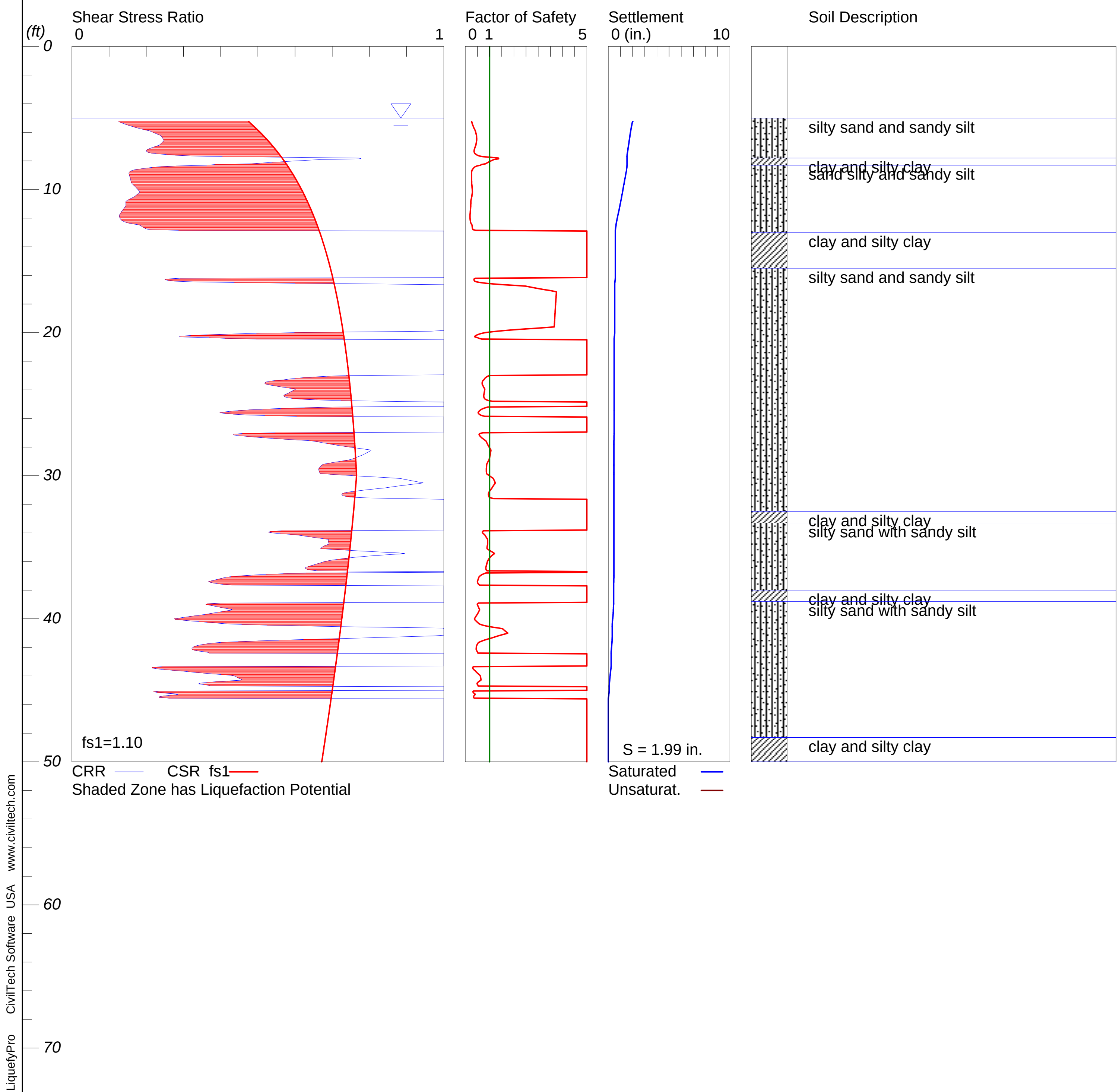
CivilTech Corporation **20G-0418-0**

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=CPT-1 Water Depth=5 ft Surface Elev.=244

Magnitude=6.81
Acceleration=0.656g



CivilTech Corporation **20G-0418-0**

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LIQUEFACTION ANALYSIS SUMMARY

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Font: Courier New, Regular, Size 8 is recommended for this report.
Licensed to , 8/27/2020 1:31:07 PM

Input File Name: G:_Projects\2020\20G-0418\Liqefaction Analysis\20G-0418 CPT 1.liq
Title: Solemo 13 Acres
Subtitle: 20G-0418-0

Surface Elev.=244
Hole No.=CPT-1
Depth of Hole= 50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration= 0.66 g
Earthquake Magnitude= 6.81

Input Data:
Surface Elev.=244
Hole No.=CPT-1
Depth of Hole=50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration=0.66 g
Earthquake Magnitude=6.81
No-Liquefiable Soils: Based on Analysis

1. CPT Calculation Method: Modify Robertson*
2. Settlement Analysis Method: Tokimatsu, M-correction
3. Fines Correction for Liquefaction: Stark/Olson et al.*
4. Fine Correction for Settlement: During Liquefaction*
5. Settlement Calculation in: All zones*
9. User request factor of safety (apply to CSR) , User= 1.1
   Plot one CSR curve (fs1=User)
10. Use Curve Smoothing: Yes*
* Recommended Options

In-Situ Test Data:

Depth ft	qc atm	fs atm	Rf pcf	gamma %	Fines mm	D50
5.25	24.83	0.11	0.45	120.90	0.00	0.50
5.58	38.40	0.20	0.52	120.90	0.00	0.50
5.91	51.77	0.27	0.53	120.90	0.00	0.50
6.23	58.19	0.33	0.57	120.90	0.00	0.50
6.56	57.53	0.45	0.78	120.90	0.00	0.50
6.89	56.20	0.45	0.80	120.90	0.00	0.50
7.22	48.93	0.43	0.87	120.90	0.00	0.50
7.55	31.46	0.71	2.25	120.90	0.00	0.50
7.87	19.48	0.77	3.98	120.90	0.00	0.50
8.20	17.28	0.47	2.72	120.90	0.00	0.50
8.53	25.99	0.49	1.88	120.90	0.00	0.50
8.86	39.50	0.32	0.82	120.90	0.00	0.50
9.19	44.97	0.30	0.66	120.90	0.00	0.50

9.51	46.33	0.32	0.69	120.90	0.00	0.50
9.84	54.95	0.30	0.54	120.90	0.00	0.50
10.17	61.26	0.29	0.48	120.90	0.00	0.50
10.50	56.75	0.27	0.48	120.90	0.00	0.50
10.83	45.95	0.24	0.53	120.90	0.00	0.50
11.15	46.71	0.25	0.53	120.90	0.00	0.50
11.48	42.94	0.20	0.47	120.90	0.00	0.50
11.81	34.49	0.21	0.61	120.90	0.00	0.50
12.14	27.52	0.28	1.04	120.90	0.00	0.50
12.47	23.12	0.39	1.68	120.90	0.00	0.50
12.80	21.41	0.37	1.73	120.90	0.00	0.50
13.12	12.04	0.41	3.39	120.90	0.00	0.50
13.45	12.47	0.44	3.50	120.90	0.00	0.50
13.78	15.16	0.41	2.74	120.90	0.00	0.50
14.11	11.63	0.40	3.46	120.90	0.00	0.50
14.44	8.60	0.31	3.57	120.90	0.00	0.50
14.76	7.96	0.24	3.00	120.90	0.00	0.50
15.09	7.81	0.22	2.75	120.90	0.00	0.50
15.42	15.74	0.19	1.21	120.90	0.00	0.50
15.75	8.10	0.29	3.60	120.90	0.00	0.50
16.08	16.70	0.48	2.86	120.90	0.00	0.50
16.40	58.69	1.26	2.15	120.90	0.00	0.50
16.73	230.46	2.46	1.07	120.90	0.00	0.50
17.06	268.05	2.94	1.10	120.90	0.00	0.50
17.39	295.37	2.95	1.00	120.90	0.00	0.50
17.72	330.53	2.88	0.87	120.90	0.00	0.50
18.05	342.02	3.01	0.88	120.90	0.00	0.50
18.37	305.87	4.36	1.43	120.90	0.00	0.50
18.70	332.55	5.23	1.57	120.90	0.00	0.50
19.03	360.71	3.62	1.00	120.90	0.00	0.50
19.36	346.41	4.56	1.32	120.90	0.00	0.50
19.68	258.13	3.84	1.49	120.90	0.00	0.50
20.01	160.20	1.33	0.83	120.90	0.00	0.50
20.34	53.19	1.50	2.81	120.90	0.00	0.50
20.67	29.17	1.22	4.20	120.90	0.00	0.50
21.00	25.12	0.80	3.18	120.90	0.00	0.50
21.33	29.49	0.75	2.53	120.90	0.00	0.50
21.65	26.97	0.90	3.35	120.90	0.00	0.50
21.98	28.48	1.12	3.92	120.90	0.00	0.50
22.31	35.33	1.69	4.78	120.90	0.00	0.50
22.64	49.19	1.94	3.94	120.90	0.00	0.50
22.97	50.81	1.83	3.61	120.90	0.00	0.50
23.29	63.20	2.17	3.44	120.90	0.00	0.50
23.62	83.63	2.61	3.12	120.90	0.00	0.50
23.95	95.29	3.02	3.17	120.90	0.00	0.50
24.28	93.01	2.93	3.15	120.90	0.00	0.50
24.61	74.98	2.60	3.46	120.90	0.00	0.50
24.93	48.99	2.07	4.22	120.90	0.00	0.50
25.26	58.66	2.03	3.46	120.90	0.00	0.50
25.59	70.84	2.02	2.86	120.90	0.00	0.50
25.92	50.76	1.82	3.58	120.90	0.00	0.50
26.25	41.06	2.00	4.88	120.90	0.00	0.50
26.58	52.23	1.84	3.52	120.90	0.00	0.50
26.90	46.65	1.96	4.19	120.90	0.00	0.50
27.23	107.62	2.67	2.48	120.90	0.00	0.50
27.56	150.30	3.20	2.13	120.90	0.00	0.50
27.89	158.12	3.48	2.20	120.90	0.00	0.50
28.22	166.16	3.83	2.30	120.90	0.00	0.50
28.54	159.56	3.88	2.43	120.90	0.00	0.50
28.87	162.40	3.71	2.29	120.90	0.00	0.50
29.20	157.31	3.45	2.19	120.90	0.00	0.50
29.53	149.09	3.57	2.39	120.90	0.00	0.50
29.86	157.10	3.50	2.23	120.90	0.00	0.50

30.18	167.69	4.44	2.65	120.90	0.00	0.50
30.51	165.55	4.80	2.90	120.90	0.00	0.50
30.84	144.60	4.57	3.16	120.90	0.00	0.50
31.17	126.52	4.13	3.27	120.90	0.00	0.50
31.50	104.26	3.84	3.68	120.90	0.00	0.50
31.82	55.07	3.09	5.61	120.90	0.00	0.50
32.15	52.06	2.41	4.63	120.90	0.00	0.50
32.48	26.22	1.48	5.64	120.90	0.00	0.50
32.81	19.36	0.76	3.91	120.90	0.00	0.50
33.14	19.07	0.78	4.08	120.90	0.00	0.50
33.47	23.64	1.13	4.78	120.90	0.00	0.50
33.79	69.48	2.50	3.60	120.90	0.00	0.50
34.12	124.29	3.77	3.03	120.90	0.00	0.50
34.45	139.97	4.23	3.02	120.90	0.00	0.50
34.78	148.10	4.25	2.87	120.90	0.00	0.50
35.10	164.54	4.01	2.44	120.90	0.00	0.50
35.43	176.84	5.12	2.89	120.90	0.00	0.50
35.76	138.99	4.54	3.26	120.90	0.00	0.50
36.09	113.38	3.97	3.50	120.90	0.00	0.50
36.42	105.25	3.68	3.50	120.90	0.00	0.50
36.74	81.49	3.08	3.78	120.90	0.00	0.50
37.07	94.94	2.78	2.93	120.90	0.00	0.50
37.40	90.46	2.49	2.75	120.90	0.00	0.50
37.73	71.25	2.30	3.23	120.90	0.00	0.50
38.06	60.22	2.03	3.37	120.90	0.00	0.50
38.39	48.35	1.75	3.61	120.90	0.00	0.50
38.71	38.23	2.03	5.32	120.90	0.00	0.50
39.04	115.52	2.78	2.40	120.90	0.00	0.50
39.37	133.23	3.20	2.40	120.90	0.00	0.50
39.70	121.51	2.73	2.24	120.90	0.00	0.50
40.03	104.84	2.07	1.97	120.90	0.00	0.50
40.35	127.47	3.15	2.47	120.90	0.00	0.50
40.68	280.58	4.37	1.56	120.90	0.00	0.50
41.01	327.66	3.47	1.06	120.90	0.00	0.50
41.34	264.69	2.95	1.11	120.90	0.00	0.50
41.67	169.05	2.47	1.46	120.90	0.00	0.50
41.99	119.40	2.60	2.18	120.90	0.00	0.50
42.32	87.22	2.50	2.87	120.90	0.00	0.50
42.65	62.82	1.96	3.12	120.90	0.00	0.50
42.98	51.60	1.38	2.67	120.90	0.00	0.50
43.31	57.18	1.55	2.72	120.90	0.00	0.50
43.63	151.98	1.91	1.26	120.90	0.00	0.50
43.96	204.30	2.25	1.10	120.90	0.00	0.50
44.29	211.13	2.35	1.11	120.90	0.00	0.50
44.62	107.59	2.93	2.72	120.90	0.00	0.50
44.95	42.08	1.80	4.28	120.90	0.00	0.50
45.28	168.01	1.77	1.05	120.90	0.00	0.50
45.60	67.43	2.04	3.02	120.90	0.00	0.50
45.93	55.39	1.94	3.50	120.90	0.00	0.50
46.26	74.57	2.03	2.72	120.90	0.00	0.50
46.59	68.26	1.90	2.79	120.90	0.00	0.50
46.92	71.79	2.06	2.87	120.90	0.00	0.50
47.24	70.20	2.13	3.04	120.90	0.00	0.50
47.57	64.85	2.07	3.20	120.90	0.00	0.50
47.90	58.97	2.05	3.48	120.90	0.00	0.50
48.23	52.99	2.00	3.77	120.90	0.00	0.50
48.56	31.46	1.52	4.82	120.90	0.00	0.50
48.88	28.36	1.12	3.95	120.90	0.00	0.50
49.21	20.00	0.79	3.93	120.90	0.00	0.50
49.54	15.40	0.51	3.30	120.90	0.00	0.50
49.87	15.51	0.49	3.17	120.90	0.00	0.50

Modify Robertson method generates Fines from qc/fs. Inputted Fines are not

relevant.

Output Results:

Settlement of Saturated Sands=1.99 in.
Settlement of Unsaturated Sands=0.00 in.
Total Settlement of Saturated and Unsaturated Sands=1.99 in.
Differential Settlement=0.996 to 1.315 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
5.25	0.13	0.47	0.27*	1.99	0.00	1.99
5.30	0.13	0.48	0.27*	1.98	0.00	1.98
5.35	0.13	0.48	0.28*	1.97	0.00	1.97
5.40	0.14	0.48	0.29*	1.95	0.00	1.95
5.45	0.15	0.48	0.30*	1.94	0.00	1.94
5.50	0.15	0.49	0.31*	1.93	0.00	1.93
5.55	0.16	0.49	0.32*	1.92	0.00	1.92
5.60	0.16	0.49	0.33*	1.91	0.00	1.91
5.65	0.17	0.49	0.35*	1.90	0.00	1.90
5.70	0.18	0.49	0.36*	1.88	0.00	1.88
5.75	0.18	0.50	0.37*	1.87	0.00	1.87
5.80	0.19	0.50	0.39*	1.86	0.00	1.86
5.85	0.20	0.50	0.40*	1.85	0.00	1.85
5.90	0.21	0.50	0.42*	1.84	0.00	1.84
5.95	0.21	0.50	0.42*	1.83	0.00	1.83
6.00	0.22	0.51	0.43*	1.82	0.00	1.82
6.05	0.22	0.51	0.44*	1.82	0.00	1.82
6.10	0.23	0.51	0.45*	1.81	0.00	1.81
6.15	0.23	0.51	0.45*	1.80	0.00	1.80
6.20	0.24	0.51	0.46*	1.79	0.00	1.79
6.25	0.24	0.52	0.47*	1.78	0.00	1.78
6.30	0.24	0.52	0.47*	1.77	0.00	1.77
6.35	0.24	0.52	0.47*	1.76	0.00	1.76
6.40	0.24	0.52	0.47*	1.75	0.00	1.75
6.45	0.25	0.52	0.47*	1.74	0.00	1.74
6.50	0.25	0.52	0.47*	1.74	0.00	1.74
6.55	0.25	0.53	0.47*	1.73	0.00	1.73
6.60	0.25	0.53	0.47*	1.72	0.00	1.72
6.65	0.24	0.53	0.46*	1.71	0.00	1.71
6.70	0.24	0.53	0.46*	1.70	0.00	1.70
6.75	0.24	0.53	0.45*	1.69	0.00	1.69
6.80	0.24	0.53	0.45*	1.68	0.00	1.68
6.85	0.24	0.54	0.44*	1.68	0.00	1.68
6.90	0.23	0.54	0.44*	1.67	0.00	1.67
6.95	0.23	0.54	0.42*	1.66	0.00	1.66
7.00	0.22	0.54	0.41*	1.65	0.00	1.65
7.05	0.22	0.54	0.40*	1.64	0.00	1.64
7.10	0.21	0.54	0.39*	1.63	0.00	1.63
7.15	0.21	0.55	0.38*	1.62	0.00	1.62
7.20	0.20	0.55	0.37*	1.61	0.00	1.61
7.25	0.20	0.55	0.37*	1.60	0.00	1.60
7.30	0.20	0.55	0.36*	1.59	0.00	1.59
7.35	0.20	0.55	0.36*	1.59	0.00	1.59
7.40	0.21	0.55	0.37*	1.58	0.00	1.58
7.45	0.21	0.56	0.38*	1.57	0.00	1.57
7.50	0.23	0.56	0.41*	1.56	0.00	1.56
7.55	0.25	0.56	0.46*	1.55	0.00	1.55
7.60	0.28	0.56	0.50*	1.55	0.00	1.55
7.65	0.32	0.56	0.57*	1.54	0.00	1.54
7.70	0.40	0.56	0.72*	1.54	0.00	1.54
7.75	0.61	0.56	1.08	1.54	0.00	1.54
7.80	0.77	0.57	1.37	1.54	0.00	1.54

7.85	0.78	0.57	1.37	1.54	0.00	1.54
7.90	0.67	0.57	1.18	1.54	0.00	1.54
7.95	0.63	0.57	1.11	1.54	0.00	1.54
8.00	0.60	0.57	1.05	1.54	0.00	1.54
8.05	0.57	0.57	0.99*	1.54	0.00	1.54
8.10	0.54	0.57	0.94*	1.54	0.00	1.54
8.15	0.51	0.57	0.88*	1.54	0.00	1.54
8.20	0.48	0.58	0.83*	1.54	0.00	1.54
8.25	0.38	0.58	0.66*	1.54	0.00	1.54
8.30	0.36	0.58	0.63*	1.54	0.00	1.54
8.35	0.28	0.58	0.48*	1.54	0.00	1.54
8.40	0.24	0.58	0.41*	1.53	0.00	1.53
8.45	0.22	0.58	0.37*	1.53	0.00	1.53
8.50	0.20	0.58	0.34*	1.52	0.00	1.52
8.55	0.19	0.59	0.32*	1.51	0.00	1.51
8.60	0.17	0.59	0.29*	1.50	0.00	1.50
8.65	0.16	0.59	0.28*	1.50	0.00	1.50
8.70	0.16	0.59	0.27*	1.49	0.00	1.49
8.75	0.16	0.59	0.26*	1.48	0.00	1.48
8.80	0.15	0.59	0.26*	1.47	0.00	1.47
8.85	0.15	0.59	0.26*	1.45	0.00	1.45
8.90	0.15	0.59	0.26*	1.44	0.00	1.44
8.95	0.15	0.59	0.26*	1.43	0.00	1.43
9.00	0.15	0.60	0.26*	1.42	0.00	1.42
9.05	0.16	0.60	0.26*	1.41	0.00	1.41
9.10	0.16	0.60	0.26*	1.40	0.00	1.40
9.15	0.16	0.60	0.26*	1.39	0.00	1.39
9.20	0.16	0.60	0.26*	1.38	0.00	1.38
9.25	0.16	0.60	0.26*	1.37	0.00	1.37
9.30	0.16	0.60	0.26*	1.36	0.00	1.36
9.35	0.16	0.60	0.26*	1.35	0.00	1.35
9.40	0.16	0.60	0.26*	1.33	0.00	1.33
9.45	0.16	0.61	0.26*	1.32	0.00	1.32
9.50	0.16	0.61	0.26*	1.31	0.00	1.31
9.55	0.16	0.61	0.26*	1.30	0.00	1.30
9.60	0.16	0.61	0.27*	1.29	0.00	1.29
9.65	0.16	0.61	0.27*	1.28	0.00	1.28
9.70	0.17	0.61	0.27*	1.27	0.00	1.27
9.75	0.17	0.61	0.27*	1.26	0.00	1.26
9.80	0.17	0.61	0.28*	1.25	0.00	1.25
9.85	0.17	0.61	0.28*	1.24	0.00	1.24
9.90	0.17	0.62	0.28*	1.23	0.00	1.23
9.95	0.18	0.62	0.29*	1.22	0.00	1.22
10.00	0.18	0.62	0.29*	1.21	0.00	1.21
10.05	0.18	0.62	0.29*	1.20	0.00	1.20
10.10	0.18	0.62	0.29*	1.18	0.00	1.18
10.15	0.18	0.62	0.29*	1.17	0.00	1.17
10.20	0.18	0.62	0.29*	1.16	0.00	1.16
10.25	0.18	0.62	0.29*	1.15	0.00	1.15
10.30	0.18	0.62	0.28*	1.14	0.00	1.14
10.35	0.17	0.62	0.28*	1.13	0.00	1.13
10.40	0.17	0.63	0.28*	1.12	0.00	1.12
10.45	0.17	0.63	0.27*	1.11	0.00	1.11
10.50	0.17	0.63	0.27*	1.10	0.00	1.10
10.55	0.16	0.63	0.26*	1.09	0.00	1.09
10.60	0.16	0.63	0.25*	1.08	0.00	1.08
10.65	0.16	0.63	0.25*	1.07	0.00	1.07
10.70	0.15	0.63	0.24*	1.06	0.00	1.06
10.75	0.15	0.63	0.24*	1.04	0.00	1.04
10.80	0.15	0.63	0.23*	1.03	0.00	1.03
10.85	0.14	0.63	0.23*	1.02	0.00	1.02
10.90	0.15	0.63	0.23*	1.01	0.00	1.01
10.95	0.15	0.64	0.23*	1.00	0.00	1.00

11.00	0.15	0.64	0.23*	0.99	0.00	0.99
11.05	0.15	0.64	0.23*	0.97	0.00	0.97
11.10	0.15	0.64	0.23*	0.96	0.00	0.96
11.15	0.15	0.64	0.23*	0.95	0.00	0.95
11.20	0.14	0.64	0.22*	0.94	0.00	0.94
11.25	0.14	0.64	0.22*	0.93	0.00	0.93
11.30	0.14	0.64	0.22*	0.91	0.00	0.91
11.35	0.14	0.64	0.22*	0.90	0.00	0.90
11.40	0.14	0.64	0.21*	0.89	0.00	0.89
11.45	0.14	0.64	0.21*	0.88	0.00	0.88
11.50	0.13	0.64	0.21*	0.87	0.00	0.87
11.55	0.13	0.65	0.21*	0.85	0.00	0.85
11.60	0.13	0.65	0.20*	0.84	0.00	0.84
11.65	0.13	0.65	0.20*	0.83	0.00	0.83
11.70	0.13	0.65	0.20*	0.81	0.00	0.81
11.75	0.13	0.65	0.20*	0.80	0.00	0.80
11.80	0.13	0.65	0.20*	0.79	0.00	0.79
11.85	0.13	0.65	0.20*	0.78	0.00	0.78
11.90	0.13	0.65	0.20*	0.76	0.00	0.76
11.95	0.13	0.65	0.20*	0.75	0.00	0.75
12.00	0.13	0.65	0.20*	0.74	0.00	0.74
12.05	0.13	0.65	0.20*	0.73	0.00	0.73
12.10	0.13	0.65	0.20*	0.71	0.00	0.71
12.15	0.13	0.65	0.20*	0.70	0.00	0.70
12.20	0.14	0.66	0.21*	0.69	0.00	0.69
12.25	0.14	0.66	0.22*	0.68	0.00	0.68
12.30	0.15	0.66	0.22*	0.67	0.00	0.67
12.35	0.15	0.66	0.23*	0.66	0.00	0.66
12.40	0.16	0.66	0.25*	0.65	0.00	0.65
12.45	0.18	0.66	0.27*	0.64	0.00	0.64
12.50	0.18	0.66	0.28*	0.63	0.00	0.63
12.55	0.19	0.66	0.28*	0.62	0.00	0.62
12.60	0.19	0.66	0.29*	0.62	0.00	0.62
12.65	0.19	0.66	0.29*	0.61	0.00	0.61
12.70	0.20	0.66	0.30*	0.60	0.00	0.60
12.75	0.20	0.66	0.30*	0.59	0.00	0.59
12.80	0.21	0.66	0.31*	0.59	0.00	0.59
12.85	0.29	0.66	0.43*	0.58	0.00	0.58
12.90	2.00	0.67	5.00	0.58	0.00	0.58
12.95	2.00	0.67	5.00	0.58	0.00	0.58
13.00	2.00	0.67	5.00	0.58	0.00	0.58
13.05	2.00	0.67	5.00	0.58	0.00	0.58
13.10	2.00	0.67	5.00	0.58	0.00	0.58
13.15	2.00	0.67	5.00	0.58	0.00	0.58
13.20	2.00	0.67	5.00	0.58	0.00	0.58
13.25	2.00	0.67	5.00	0.58	0.00	0.58
13.30	2.00	0.67	5.00	0.58	0.00	0.58
13.35	2.00	0.67	5.00	0.58	0.00	0.58
13.40	2.00	0.67	5.00	0.58	0.00	0.58
13.45	2.00	0.67	5.00	0.58	0.00	0.58
13.50	2.00	0.67	5.00	0.58	0.00	0.58
13.55	2.00	0.67	5.00	0.58	0.00	0.58
13.60	2.00	0.67	5.00	0.58	0.00	0.58
13.65	2.00	0.67	5.00	0.58	0.00	0.58
13.70	2.00	0.68	5.00	0.58	0.00	0.58
13.75	2.00	0.68	5.00	0.58	0.00	0.58
13.80	2.00	0.68	5.00	0.58	0.00	0.58
13.85	2.00	0.68	5.00	0.58	0.00	0.58
13.90	2.00	0.68	5.00	0.58	0.00	0.58
13.95	2.00	0.68	5.00	0.58	0.00	0.58
14.00	2.00	0.68	5.00	0.58	0.00	0.58
14.05	2.00	0.68	5.00	0.58	0.00	0.58
14.10	2.00	0.68	5.00	0.58	0.00	0.58

14.15	2.00	0.68	5.00	0.58	0.00	0.58
14.20	2.00	0.68	5.00	0.58	0.00	0.58
14.25	2.00	0.68	5.00	0.58	0.00	0.58
14.30	2.00	0.68	5.00	0.58	0.00	0.58
14.35	2.00	0.68	5.00	0.58	0.00	0.58
14.40	2.00	0.68	5.00	0.58	0.00	0.58
14.45	2.00	0.68	5.00	0.58	0.00	0.58
14.50	2.00	0.68	5.00	0.58	0.00	0.58
14.55	2.00	0.69	5.00	0.58	0.00	0.58
14.60	2.00	0.69	5.00	0.58	0.00	0.58
14.65	2.00	0.69	5.00	0.58	0.00	0.58
14.70	2.00	0.69	5.00	0.58	0.00	0.58
14.75	2.00	0.69	5.00	0.58	0.00	0.58
14.80	2.00	0.69	5.00	0.58	0.00	0.58
14.85	2.00	0.69	5.00	0.58	0.00	0.58
14.90	2.00	0.69	5.00	0.58	0.00	0.58
14.95	2.00	0.69	5.00	0.58	0.00	0.58
15.00	2.00	0.69	5.00	0.58	0.00	0.58
15.05	2.00	0.69	5.00	0.58	0.00	0.58
15.10	2.00	0.69	5.00	0.58	0.00	0.58
15.15	2.00	0.69	5.00	0.58	0.00	0.58
15.20	2.00	0.69	5.00	0.58	0.00	0.58
15.25	2.00	0.69	5.00	0.58	0.00	0.58
15.30	2.00	0.69	5.00	0.58	0.00	0.58
15.35	2.00	0.69	5.00	0.58	0.00	0.58
15.40	2.00	0.69	5.00	0.58	0.00	0.58
15.45	2.00	0.69	5.00	0.58	0.00	0.58
15.50	2.00	0.70	5.00	0.58	0.00	0.58
15.55	2.00	0.70	5.00	0.58	0.00	0.58
15.60	2.00	0.70	5.00	0.58	0.00	0.58
15.65	2.00	0.70	5.00	0.58	0.00	0.58
15.70	2.00	0.70	5.00	0.58	0.00	0.58
15.75	2.00	0.70	5.00	0.58	0.00	0.58
15.80	2.00	0.70	5.00	0.58	0.00	0.58
15.85	2.00	0.70	5.00	0.58	0.00	0.58
15.90	2.00	0.70	5.00	0.58	0.00	0.58
15.95	2.00	0.70	5.00	0.58	0.00	0.58
16.00	2.00	0.70	5.00	0.58	0.00	0.58
16.05	2.00	0.70	5.00	0.58	0.00	0.58
16.10	2.00	0.70	5.00	0.58	0.00	0.58
16.15	2.00	0.70	5.00	0.58	0.00	0.58
16.20	0.29	0.70	0.42*	0.58	0.00	0.58
16.25	0.25	0.70	0.36*	0.57	0.00	0.57
16.30	0.25	0.70	0.36*	0.57	0.00	0.57
16.35	0.26	0.70	0.37*	0.56	0.00	0.56
16.40	0.27	0.70	0.39*	0.55	0.00	0.55
16.45	0.32	0.70	0.46*	0.55	0.00	0.55
16.50	0.44	0.70	0.62*	0.54	0.00	0.54
16.55	0.60	0.70	0.85*	0.53	0.00	0.53
16.60	0.82	0.71	1.16	0.53	0.00	0.53
16.65	1.10	0.71	1.56	0.53	0.00	0.53
16.70	1.46	0.71	2.06	0.53	0.00	0.53
16.75	1.76	0.71	2.49	0.53	0.00	0.53
16.80	1.86	0.71	2.63	0.53	0.00	0.53
16.85	1.97	0.71	2.78	0.53	0.00	0.53
16.90	2.08	0.71	2.94	0.53	0.00	0.53
16.95	2.20	0.71	3.10	0.53	0.00	0.53
17.00	2.32	0.71	3.27	0.53	0.00	0.53
17.05	2.46	0.71	3.46	0.53	0.00	0.53
17.10	2.57	0.71	3.62	0.53	0.00	0.53
17.15	2.66	0.71	3.75	0.53	0.00	0.53
17.20	2.66	0.71	3.75	0.53	0.00	0.53
17.25	2.66	0.71	3.75	0.53	0.00	0.53

17.30	2.66	0.71	3.74	0.53	0.00	0.53
17.35	2.66	0.71	3.74	0.53	0.00	0.53
17.40	2.66	0.71	3.74	0.53	0.00	0.53
17.45	2.66	0.71	3.74	0.53	0.00	0.53
17.50	2.66	0.71	3.74	0.53	0.00	0.53
17.55	2.66	0.71	3.73	0.53	0.00	0.53
17.60	2.66	0.71	3.73	0.53	0.00	0.53
17.65	2.66	0.71	3.73	0.53	0.00	0.53
17.70	2.66	0.71	3.73	0.53	0.00	0.53
17.75	2.66	0.71	3.73	0.53	0.00	0.53
17.80	2.66	0.71	3.72	0.53	0.00	0.53
17.85	2.66	0.72	3.72	0.53	0.00	0.53
17.90	2.66	0.72	3.72	0.53	0.00	0.53
17.95	2.66	0.72	3.72	0.53	0.00	0.53
18.00	2.66	0.72	3.72	0.53	0.00	0.53
18.05	2.66	0.72	3.71	0.53	0.00	0.53
18.10	2.66	0.72	3.71	0.53	0.00	0.53
18.15	2.66	0.72	3.71	0.53	0.00	0.53
18.20	2.66	0.72	3.71	0.53	0.00	0.53
18.25	2.66	0.72	3.71	0.53	0.00	0.53
18.30	2.66	0.72	3.70	0.53	0.00	0.53
18.35	2.66	0.72	3.70	0.53	0.00	0.53
18.40	2.66	0.72	3.70	0.53	0.00	0.53
18.45	2.66	0.72	3.70	0.53	0.00	0.53
18.50	2.66	0.72	3.70	0.53	0.00	0.53
18.55	2.66	0.72	3.70	0.53	0.00	0.53
18.60	2.66	0.72	3.69	0.53	0.00	0.53
18.65	2.66	0.72	3.69	0.53	0.00	0.53
18.70	2.66	0.72	3.69	0.53	0.00	0.53
18.75	2.66	0.72	3.69	0.53	0.00	0.53
18.80	2.66	0.72	3.69	0.53	0.00	0.53
18.85	2.66	0.72	3.69	0.53	0.00	0.53
18.90	2.66	0.72	3.68	0.53	0.00	0.53
18.95	2.66	0.72	3.68	0.53	0.00	0.53
19.00	2.66	0.72	3.68	0.53	0.00	0.53
19.05	2.66	0.72	3.68	0.53	0.00	0.53
19.10	2.66	0.72	3.68	0.53	0.00	0.53
19.15	2.66	0.72	3.68	0.53	0.00	0.53
19.20	2.66	0.72	3.67	0.53	0.00	0.53
19.25	2.66	0.72	3.67	0.53	0.00	0.53
19.30	2.66	0.73	3.67	0.53	0.00	0.53
19.35	2.66	0.73	3.67	0.53	0.00	0.53
19.40	2.66	0.73	3.67	0.53	0.00	0.53
19.45	2.66	0.73	3.67	0.53	0.00	0.53
19.50	2.66	0.73	3.66	0.53	0.00	0.53
19.55	2.66	0.73	3.66	0.53	0.00	0.53
19.60	2.66	0.73	3.66	0.53	0.00	0.53
19.65	2.38	0.73	3.27	0.53	0.00	0.53
19.70	2.09	0.73	2.87	0.53	0.00	0.53
19.75	1.76	0.73	2.41	0.53	0.00	0.53
19.80	1.46	0.73	2.00	0.53	0.00	0.53
19.85	1.20	0.73	1.64	0.53	0.00	0.53
19.90	0.97	0.73	1.33	0.53	0.00	0.53
19.95	0.77	0.73	1.05	0.53	0.00	0.53
20.00	0.60	0.73	0.82*	0.53	0.00	0.53
20.05	0.50	0.73	0.68*	0.53	0.00	0.53
20.10	0.42	0.73	0.58*	0.52	0.00	0.52
20.15	0.36	0.73	0.50*	0.51	0.00	0.51
20.20	0.32	0.73	0.44*	0.51	0.00	0.51
20.25	0.29	0.73	0.40*	0.50	0.00	0.50
20.30	0.29	0.73	0.40*	0.49	0.00	0.49
20.35	0.37	0.73	0.51*	0.49	0.00	0.49
20.40	0.41	0.73	0.56*	0.49	0.00	0.49

20.45	0.50	0.73	0.68*	0.48	0.00	0.48
20.50	2.00	0.73	5.00	0.48	0.00	0.48
20.55	2.00	0.73	5.00	0.48	0.00	0.48
20.60	2.00	0.73	5.00	0.48	0.00	0.48
20.65	2.00	0.73	5.00	0.48	0.00	0.48
20.70	2.00	0.73	5.00	0.48	0.00	0.48
20.75	2.00	0.73	5.00	0.48	0.00	0.48
20.80	2.00	0.73	5.00	0.48	0.00	0.48
20.85	2.00	0.73	5.00	0.48	0.00	0.48
20.90	2.00	0.73	5.00	0.48	0.00	0.48
20.95	2.00	0.73	5.00	0.48	0.00	0.48
21.00	2.00	0.74	5.00	0.48	0.00	0.48
21.05	2.00	0.74	5.00	0.48	0.00	0.48
21.10	2.00	0.74	5.00	0.48	0.00	0.48
21.15	2.00	0.74	5.00	0.48	0.00	0.48
21.20	2.00	0.74	5.00	0.48	0.00	0.48
21.25	2.00	0.74	5.00	0.48	0.00	0.48
21.30	2.00	0.74	5.00	0.48	0.00	0.48
21.35	2.00	0.74	5.00	0.48	0.00	0.48
21.40	2.00	0.74	5.00	0.48	0.00	0.48
21.45	2.00	0.74	5.00	0.48	0.00	0.48
21.50	2.00	0.74	5.00	0.48	0.00	0.48
21.55	2.00	0.74	5.00	0.48	0.00	0.48
21.60	2.00	0.74	5.00	0.48	0.00	0.48
21.65	2.00	0.74	5.00	0.48	0.00	0.48
21.70	2.00	0.74	5.00	0.48	0.00	0.48
21.75	2.00	0.74	5.00	0.48	0.00	0.48
21.80	2.00	0.74	5.00	0.48	0.00	0.48
21.85	2.00	0.74	5.00	0.48	0.00	0.48
21.90	2.00	0.74	5.00	0.48	0.00	0.48
21.95	2.00	0.74	5.00	0.48	0.00	0.48
22.00	2.00	0.74	5.00	0.48	0.00	0.48
22.05	2.00	0.74	5.00	0.48	0.00	0.48
22.10	2.00	0.74	5.00	0.48	0.00	0.48
22.15	2.00	0.74	5.00	0.48	0.00	0.48
22.20	2.00	0.74	5.00	0.48	0.00	0.48
22.25	2.00	0.74	5.00	0.48	0.00	0.48
22.30	2.00	0.74	5.00	0.48	0.00	0.48
22.35	2.00	0.74	5.00	0.48	0.00	0.48
22.40	2.00	0.74	5.00	0.48	0.00	0.48
22.45	2.00	0.74	5.00	0.48	0.00	0.48
22.50	2.00	0.74	5.00	0.48	0.00	0.48
22.55	2.00	0.74	5.00	0.48	0.00	0.48
22.60	2.00	0.74	5.00	0.48	0.00	0.48
22.65	2.00	0.74	5.00	0.48	0.00	0.48
22.70	2.00	0.74	5.00	0.48	0.00	0.48
22.75	2.00	0.74	5.00	0.48	0.00	0.48
22.80	2.00	0.74	5.00	0.48	0.00	0.48
22.85	2.00	0.74	5.00	0.48	0.00	0.48
22.90	2.00	0.74	5.00	0.48	0.00	0.48
22.95	2.00	0.74	5.00	0.48	0.00	0.48
23.00	0.74	0.74	0.99*	0.48	0.00	0.48
23.05	0.69	0.74	0.92*	0.48	0.00	0.48
23.10	0.65	0.75	0.87*	0.48	0.00	0.48
23.15	0.62	0.75	0.83*	0.48	0.00	0.48
23.20	0.60	0.75	0.80*	0.48	0.00	0.48
23.25	0.58	0.75	0.78*	0.48	0.00	0.48
23.30	0.57	0.75	0.76*	0.48	0.00	0.48
23.35	0.55	0.75	0.73*	0.48	0.00	0.48
23.40	0.53	0.75	0.71*	0.48	0.00	0.48
23.45	0.52	0.75	0.70*	0.48	0.00	0.48
23.50	0.52	0.75	0.70*	0.48	0.00	0.48
23.55	0.52	0.75	0.69*	0.48	0.00	0.48

23.60	0.52	0.75	0.70*	0.48	0.00	0.48
23.65	0.53	0.75	0.71*	0.48	0.00	0.48
23.70	0.54	0.75	0.72*	0.48	0.00	0.48
23.75	0.55	0.75	0.74*	0.48	0.00	0.48
23.80	0.56	0.75	0.75*	0.48	0.00	0.48
23.85	0.58	0.75	0.77*	0.48	0.00	0.48
23.90	0.59	0.75	0.79*	0.48	0.00	0.48
23.95	0.60	0.75	0.80*	0.48	0.00	0.48
24.00	0.60	0.75	0.80*	0.48	0.00	0.48
24.05	0.59	0.75	0.79*	0.48	0.00	0.48
24.10	0.59	0.75	0.79*	0.48	0.00	0.48
24.15	0.59	0.75	0.78*	0.48	0.00	0.48
24.20	0.58	0.75	0.78*	0.48	0.00	0.48
24.25	0.58	0.75	0.77*	0.48	0.00	0.48
24.30	0.58	0.75	0.77*	0.48	0.00	0.48
24.35	0.57	0.75	0.76*	0.48	0.00	0.48
24.40	0.57	0.75	0.76*	0.48	0.00	0.48
24.45	0.57	0.75	0.76*	0.48	0.00	0.48
24.50	0.57	0.75	0.76*	0.48	0.00	0.48
24.55	0.58	0.75	0.77*	0.48	0.00	0.48
24.60	0.59	0.75	0.79*	0.48	0.00	0.48
24.65	0.62	0.75	0.82*	0.48	0.00	0.48
24.70	0.66	0.75	0.87*	0.48	0.00	0.48
24.75	0.72	0.75	0.96*	0.48	0.00	0.48
24.80	0.84	0.75	1.12	0.48	0.00	0.48
24.85	2.00	0.75	5.00	0.48	0.00	0.48
24.90	2.00	0.75	5.00	0.48	0.00	0.48
24.95	2.00	0.75	5.00	0.48	0.00	0.48
25.00	2.00	0.75	5.00	0.48	0.00	0.48
25.05	2.00	0.75	5.00	0.48	0.00	0.48
25.10	2.00	0.75	5.00	0.48	0.00	0.48
25.15	2.00	0.75	5.00	0.48	0.00	0.48
25.20	0.70	0.75	0.93*	0.48	0.00	0.48
25.25	0.63	0.75	0.83*	0.48	0.00	0.48
25.30	0.56	0.75	0.75*	0.48	0.00	0.48
25.35	0.51	0.75	0.68*	0.48	0.00	0.48
25.40	0.48	0.75	0.63*	0.48	0.00	0.48
25.45	0.45	0.75	0.59*	0.48	0.00	0.48
25.50	0.43	0.75	0.56*	0.48	0.00	0.48
25.55	0.41	0.75	0.54*	0.48	0.00	0.48
25.60	0.40	0.75	0.53*	0.48	0.00	0.48
25.65	0.41	0.75	0.55*	0.48	0.00	0.48
25.70	0.43	0.75	0.57*	0.48	0.00	0.48
25.75	0.47	0.75	0.62*	0.48	0.00	0.48
25.80	0.52	0.75	0.69*	0.48	0.00	0.48
25.85	0.60	0.76	0.80*	0.48	0.00	0.48
25.90	2.00	0.76	5.00	0.48	0.00	0.48
25.95	2.00	0.76	5.00	0.48	0.00	0.48
26.00	2.00	0.76	5.00	0.48	0.00	0.48
26.05	2.00	0.76	5.00	0.48	0.00	0.48
26.10	2.00	0.76	5.00	0.48	0.00	0.48
26.15	2.00	0.76	5.00	0.48	0.00	0.48
26.20	2.00	0.76	5.00	0.48	0.00	0.48
26.25	2.00	0.76	5.00	0.48	0.00	0.48
26.30	2.00	0.76	5.00	0.48	0.00	0.48
26.35	2.00	0.76	5.00	0.48	0.00	0.48
26.40	2.00	0.76	5.00	0.48	0.00	0.48
26.45	2.00	0.76	5.00	0.48	0.00	0.48
26.50	2.00	0.76	5.00	0.48	0.00	0.48
26.55	2.00	0.76	5.00	0.48	0.00	0.48
26.60	2.00	0.76	5.00	0.48	0.00	0.48
26.65	2.00	0.76	5.00	0.48	0.00	0.48
26.70	2.00	0.76	5.00	0.48	0.00	0.48

26.75	2.00	0.76	5.00	0.48	0.00	0.48
26.80	2.00	0.76	5.00	0.48	0.00	0.48
26.85	2.00	0.76	5.00	0.48	0.00	0.48
26.90	2.00	0.76	5.00	0.48	0.00	0.48
26.95	2.00	0.76	5.00	0.48	0.00	0.48
27.00	0.55	0.76	0.72*	0.48	0.00	0.48
27.05	0.46	0.76	0.60*	0.48	0.00	0.48
27.10	0.43	0.76	0.57*	0.48	0.00	0.48
27.15	0.43	0.76	0.57*	0.48	0.00	0.48
27.20	0.45	0.76	0.59*	0.47	0.00	0.47
27.25	0.47	0.76	0.62*	0.47	0.00	0.47
27.30	0.49	0.76	0.65*	0.47	0.00	0.47
27.35	0.52	0.76	0.68*	0.47	0.00	0.47
27.40	0.54	0.76	0.71*	0.47	0.00	0.47
27.45	0.57	0.76	0.75*	0.47	0.00	0.47
27.50	0.60	0.76	0.80*	0.47	0.00	0.47
27.55	0.64	0.76	0.84*	0.47	0.00	0.47
27.60	0.65	0.76	0.86*	0.46	0.00	0.46
27.65	0.66	0.76	0.87*	0.46	0.00	0.46
27.70	0.68	0.76	0.89*	0.46	0.00	0.46
27.75	0.69	0.76	0.90*	0.46	0.00	0.46
27.80	0.70	0.76	0.92*	0.46	0.00	0.46
27.85	0.71	0.76	0.93*	0.46	0.00	0.46
27.90	0.72	0.76	0.95*	0.46	0.00	0.46
27.95	0.73	0.76	0.96*	0.46	0.00	0.46
28.00	0.75	0.76	0.98*	0.46	0.00	0.46
28.05	0.76	0.76	1.00*	0.46	0.00	0.46
28.10	0.77	0.76	1.02	0.46	0.00	0.46
28.15	0.79	0.76	1.04	0.46	0.00	0.46
28.20	0.80	0.76	1.05	0.46	0.00	0.46
28.25	0.80	0.76	1.06	0.46	0.00	0.46
28.30	0.80	0.76	1.05	0.46	0.00	0.46
28.35	0.80	0.76	1.05	0.46	0.00	0.46
28.40	0.79	0.76	1.04	0.46	0.00	0.46
28.45	0.79	0.76	1.04	0.46	0.00	0.46
28.50	0.79	0.76	1.03	0.46	0.00	0.46
28.55	0.78	0.76	1.03	0.46	0.00	0.46
28.60	0.78	0.76	1.02	0.46	0.00	0.46
28.65	0.77	0.76	1.01	0.46	0.00	0.46
28.70	0.77	0.76	1.01	0.46	0.00	0.46
28.75	0.76	0.76	1.00*	0.46	0.00	0.46
28.80	0.76	0.76	0.99*	0.46	0.00	0.46
28.85	0.75	0.76	0.99*	0.46	0.00	0.46
28.90	0.74	0.76	0.97*	0.46	0.00	0.46
28.95	0.73	0.76	0.96*	0.46	0.00	0.46
29.00	0.72	0.76	0.94*	0.46	0.00	0.46
29.05	0.71	0.76	0.93*	0.46	0.00	0.46
29.10	0.70	0.76	0.91*	0.46	0.00	0.46
29.15	0.69	0.76	0.90*	0.46	0.00	0.46
29.20	0.68	0.76	0.88*	0.46	0.00	0.46
29.25	0.67	0.76	0.88*	0.46	0.00	0.46
29.30	0.67	0.76	0.88*	0.46	0.00	0.46
29.35	0.67	0.76	0.88*	0.46	0.00	0.46
29.40	0.67	0.76	0.87*	0.46	0.00	0.46
29.45	0.67	0.76	0.87*	0.46	0.00	0.46
29.50	0.66	0.76	0.87*	0.46	0.00	0.46
29.55	0.66	0.76	0.87*	0.46	0.00	0.46
29.60	0.66	0.76	0.87*	0.46	0.00	0.46
29.65	0.66	0.76	0.87*	0.46	0.00	0.46
29.70	0.66	0.76	0.87*	0.46	0.00	0.46
29.75	0.67	0.76	0.87*	0.46	0.00	0.46
29.80	0.67	0.77	0.87*	0.46	0.00	0.46
29.85	0.67	0.77	0.87*	0.46	0.00	0.46

29.90	0.69	0.77	0.91*	0.46	0.00	0.46
29.95	0.73	0.77	0.95*	0.46	0.00	0.46
30.00	0.76	0.77	0.99*	0.46	0.00	0.46
30.05	0.79	0.77	1.03	0.46	0.00	0.46
30.10	0.82	0.77	1.08	0.46	0.00	0.46
30.15	0.86	0.76	1.12	0.46	0.00	0.46
30.20	0.88	0.76	1.16	0.46	0.00	0.46
30.25	0.89	0.76	1.17	0.46	0.00	0.46
30.30	0.90	0.76	1.18	0.46	0.00	0.46
30.35	0.91	0.76	1.20	0.46	0.00	0.46
30.40	0.92	0.76	1.21	0.46	0.00	0.46
30.45	0.93	0.76	1.22	0.46	0.00	0.46
30.50	0.94	0.76	1.24	0.46	0.00	0.46
30.55	0.93	0.76	1.22	0.46	0.00	0.46
30.60	0.92	0.76	1.20	0.46	0.00	0.46
30.65	0.90	0.76	1.18	0.46	0.00	0.46
30.70	0.88	0.76	1.16	0.46	0.00	0.46
30.75	0.87	0.76	1.14	0.46	0.00	0.46
30.80	0.86	0.76	1.12	0.46	0.00	0.46
30.85	0.84	0.76	1.10	0.46	0.00	0.46
30.90	0.82	0.76	1.08	0.46	0.00	0.46
30.95	0.81	0.76	1.06	0.46	0.00	0.46
31.00	0.79	0.76	1.03	0.46	0.00	0.46
31.05	0.77	0.76	1.01	0.46	0.00	0.46
31.10	0.76	0.76	0.99*	0.46	0.00	0.46
31.15	0.74	0.76	0.97*	0.46	0.00	0.46
31.20	0.73	0.76	0.96*	0.46	0.00	0.46
31.25	0.73	0.76	0.96*	0.46	0.00	0.46
31.30	0.73	0.76	0.95*	0.46	0.00	0.46
31.35	0.73	0.76	0.95*	0.46	0.00	0.46
31.40	0.73	0.76	0.96*	0.46	0.00	0.46
31.45	0.74	0.76	0.97*	0.46	0.00	0.46
31.50	0.75	0.76	0.99*	0.46	0.00	0.46
31.55	0.79	0.76	1.04	0.46	0.00	0.46
31.60	0.89	0.76	1.17	0.46	0.00	0.46
31.65	2.00	0.76	5.00	0.46	0.00	0.46
31.70	2.00	0.76	5.00	0.46	0.00	0.46
31.75	2.00	0.76	5.00	0.46	0.00	0.46
31.80	2.00	0.76	5.00	0.46	0.00	0.46
31.85	2.00	0.76	5.00	0.46	0.00	0.46
31.90	2.00	0.76	5.00	0.46	0.00	0.46
31.95	2.00	0.76	5.00	0.46	0.00	0.46
32.00	2.00	0.76	5.00	0.46	0.00	0.46
32.05	2.00	0.76	5.00	0.46	0.00	0.46
32.10	2.00	0.76	5.00	0.46	0.00	0.46
32.15	2.00	0.76	5.00	0.46	0.00	0.46
32.20	2.00	0.76	5.00	0.46	0.00	0.46
32.25	2.00	0.76	5.00	0.46	0.00	0.46
32.30	2.00	0.76	5.00	0.46	0.00	0.46
32.35	2.00	0.76	5.00	0.46	0.00	0.46
32.40	2.00	0.76	5.00	0.46	0.00	0.46
32.45	2.00	0.76	5.00	0.46	0.00	0.46
32.50	2.00	0.76	5.00	0.46	0.00	0.46
32.55	2.00	0.76	5.00	0.46	0.00	0.46
32.60	2.00	0.76	5.00	0.46	0.00	0.46
32.65	2.00	0.76	5.00	0.46	0.00	0.46
32.70	2.00	0.76	5.00	0.46	0.00	0.46
32.75	2.00	0.76	5.00	0.46	0.00	0.46
32.80	2.00	0.76	5.00	0.46	0.00	0.46
32.85	2.00	0.76	5.00	0.46	0.00	0.46
32.90	2.00	0.76	5.00	0.46	0.00	0.46
32.95	2.00	0.76	5.00	0.46	0.00	0.46
33.00	2.00	0.76	5.00	0.46	0.00	0.46

33.05	2.00	0.76	5.00	0.46	0.00	0.46
33.10	2.00	0.76	5.00	0.46	0.00	0.46
33.15	2.00	0.76	5.00	0.46	0.00	0.46
33.20	2.00	0.75	5.00	0.46	0.00	0.46
33.25	2.00	0.75	5.00	0.46	0.00	0.46
33.30	2.00	0.75	5.00	0.46	0.00	0.46
33.35	2.00	0.75	5.00	0.46	0.00	0.46
33.40	2.00	0.75	5.00	0.46	0.00	0.46
33.45	2.00	0.75	5.00	0.46	0.00	0.46
33.50	2.00	0.75	5.00	0.46	0.00	0.46
33.55	2.00	0.75	5.00	0.46	0.00	0.46
33.60	2.00	0.75	5.00	0.46	0.00	0.46
33.65	2.00	0.75	5.00	0.46	0.00	0.46
33.70	2.00	0.75	5.00	0.46	0.00	0.46
33.75	2.00	0.75	5.00	0.46	0.00	0.46
33.80	2.00	0.75	5.00	0.46	0.00	0.46
33.85	0.56	0.75	0.75*	0.46	0.00	0.46
33.90	0.53	0.75	0.71*	0.46	0.00	0.46
33.95	0.53	0.75	0.70*	0.46	0.00	0.46
34.00	0.54	0.75	0.72*	0.46	0.00	0.46
34.05	0.56	0.75	0.74*	0.46	0.00	0.46
34.10	0.59	0.75	0.78*	0.46	0.00	0.46
34.15	0.61	0.75	0.81*	0.46	0.00	0.46
34.20	0.62	0.75	0.83*	0.46	0.00	0.46
34.25	0.63	0.75	0.84*	0.46	0.00	0.46
34.30	0.65	0.75	0.86*	0.46	0.00	0.46
34.35	0.66	0.75	0.88*	0.46	0.00	0.46
34.40	0.68	0.75	0.90*	0.46	0.00	0.46
34.45	0.69	0.75	0.92*	0.46	0.00	0.46
34.50	0.69	0.75	0.92*	0.46	0.00	0.46
34.55	0.69	0.75	0.92*	0.46	0.00	0.46
34.60	0.69	0.75	0.92*	0.46	0.00	0.46
34.65	0.69	0.75	0.92*	0.46	0.00	0.46
34.70	0.69	0.75	0.92*	0.46	0.00	0.46
34.75	0.69	0.75	0.92*	0.46	0.00	0.46
34.80	0.69	0.75	0.92*	0.46	0.00	0.46
34.85	0.68	0.75	0.91*	0.46	0.00	0.46
34.90	0.68	0.75	0.91*	0.46	0.00	0.46
34.95	0.68	0.75	0.90*	0.46	0.00	0.46
35.00	0.67	0.75	0.90*	0.46	0.00	0.46
35.05	0.67	0.75	0.90*	0.46	0.00	0.46
35.10	0.67	0.75	0.89*	0.46	0.00	0.46
35.15	0.70	0.75	0.93*	0.46	0.00	0.46
35.20	0.73	0.75	0.98*	0.46	0.00	0.46
35.25	0.77	0.75	1.03	0.46	0.00	0.46
35.30	0.80	0.75	1.08	0.46	0.00	0.46
35.35	0.84	0.75	1.13	0.46	0.00	0.46
35.40	0.88	0.75	1.18	0.46	0.00	0.46
35.45	0.89	0.75	1.20	0.46	0.00	0.46
35.50	0.86	0.75	1.16	0.46	0.00	0.46
35.55	0.83	0.75	1.12	0.46	0.00	0.46
35.60	0.81	0.75	1.08	0.46	0.00	0.46
35.65	0.78	0.75	1.05	0.46	0.00	0.46
35.70	0.76	0.75	1.02	0.46	0.00	0.46
35.75	0.74	0.74	1.00*	0.46	0.00	0.46
35.80	0.73	0.74	0.98*	0.46	0.00	0.46
35.85	0.71	0.74	0.96*	0.46	0.00	0.46
35.90	0.70	0.74	0.94*	0.46	0.00	0.46
35.95	0.69	0.74	0.93*	0.46	0.00	0.46
36.00	0.68	0.74	0.91*	0.46	0.00	0.46
36.05	0.67	0.74	0.90*	0.46	0.00	0.46
36.10	0.67	0.74	0.90*	0.46	0.00	0.46
36.15	0.66	0.74	0.89*	0.46	0.00	0.46

36.20	0.65	0.74	0.88*	0.46	0.00	0.46
36.25	0.65	0.74	0.87*	0.46	0.00	0.46
36.30	0.64	0.74	0.86*	0.46	0.00	0.46
36.35	0.64	0.74	0.86*	0.46	0.00	0.46
36.40	0.63	0.74	0.85*	0.46	0.00	0.46
36.45	0.63	0.74	0.85*	0.46	0.00	0.46
36.50	0.63	0.74	0.85*	0.46	0.00	0.46
36.55	0.63	0.74	0.85*	0.46	0.00	0.46
36.60	0.64	0.74	0.87*	0.46	0.00	0.46
36.65	0.66	0.74	0.89*	0.46	0.00	0.46
36.70	2.00	0.74	5.00	0.46	0.00	0.46
36.75	2.00	0.74	5.00	0.46	0.00	0.46
36.80	0.63	0.74	0.85*	0.46	0.00	0.46
36.85	0.57	0.74	0.77*	0.46	0.00	0.46
36.90	0.52	0.74	0.70*	0.46	0.00	0.46
36.95	0.48	0.74	0.65*	0.46	0.00	0.46
37.00	0.45	0.74	0.61*	0.46	0.00	0.46
37.05	0.43	0.74	0.58*	0.46	0.00	0.46
37.10	0.41	0.74	0.56*	0.46	0.00	0.46
37.15	0.41	0.74	0.55*	0.46	0.00	0.46
37.20	0.40	0.74	0.54*	0.46	0.00	0.46
37.25	0.39	0.74	0.53*	0.45	0.00	0.45
37.30	0.38	0.74	0.52*	0.45	0.00	0.45
37.35	0.38	0.74	0.51*	0.45	0.00	0.45
37.40	0.37	0.74	0.50*	0.45	0.00	0.45
37.45	0.37	0.74	0.50*	0.45	0.00	0.45
37.50	0.38	0.74	0.52*	0.44	0.00	0.44
37.55	0.39	0.74	0.53*	0.44	0.00	0.44
37.60	0.41	0.74	0.55*	0.44	0.00	0.44
37.65	0.43	0.74	0.58*	0.44	0.00	0.44
37.70	2.00	0.74	5.00	0.44	0.00	0.44
37.75	2.00	0.74	5.00	0.44	0.00	0.44
37.80	2.00	0.74	5.00	0.44	0.00	0.44
37.85	2.00	0.74	5.00	0.44	0.00	0.44
37.90	2.00	0.74	5.00	0.44	0.00	0.44
37.95	2.00	0.74	5.00	0.44	0.00	0.44
38.00	2.00	0.74	5.00	0.44	0.00	0.44
38.05	2.00	0.73	5.00	0.44	0.00	0.44
38.10	2.00	0.73	5.00	0.44	0.00	0.44
38.15	2.00	0.73	5.00	0.44	0.00	0.44
38.20	2.00	0.73	5.00	0.44	0.00	0.44
38.25	2.00	0.73	5.00	0.44	0.00	0.44
38.30	2.00	0.73	5.00	0.44	0.00	0.44
38.35	2.00	0.73	5.00	0.44	0.00	0.44
38.40	2.00	0.73	5.00	0.44	0.00	0.44
38.45	2.00	0.73	5.00	0.44	0.00	0.44
38.50	2.00	0.73	5.00	0.44	0.00	0.44
38.55	2.00	0.73	5.00	0.44	0.00	0.44
38.60	2.00	0.73	5.00	0.44	0.00	0.44
38.65	2.00	0.73	5.00	0.44	0.00	0.44
38.70	2.00	0.73	5.00	0.44	0.00	0.44
38.75	2.00	0.73	5.00	0.44	0.00	0.44
38.80	2.00	0.73	5.00	0.44	0.00	0.44
38.85	2.00	0.73	5.00	0.44	0.00	0.44
38.90	0.40	0.73	0.55*	0.44	0.00	0.44
38.95	0.36	0.73	0.50*	0.44	0.00	0.44
39.00	0.36	0.73	0.49*	0.44	0.00	0.44
39.05	0.37	0.73	0.51*	0.43	0.00	0.43
39.10	0.38	0.73	0.52*	0.43	0.00	0.43
39.15	0.39	0.73	0.53*	0.43	0.00	0.43
39.20	0.40	0.73	0.55*	0.42	0.00	0.42
39.25	0.41	0.73	0.56*	0.42	0.00	0.42
39.30	0.42	0.73	0.58*	0.42	0.00	0.42

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39.35    0.43    0.73    0.59*   0.42    0.00    0.42
39.40    0.43    0.73    0.59*   0.41    0.00    0.41
39.45    0.42    0.73    0.57*   0.41    0.00    0.41
39.50    0.40    0.73    0.55*   0.41    0.00    0.41
39.55    0.39    0.73    0.54*   0.41    0.00    0.41
39.60    0.38    0.73    0.52*   0.40    0.00    0.40
39.65    0.37    0.73    0.51*   0.40    0.00    0.40
39.70    0.36    0.73    0.49*   0.39    0.00    0.39
39.75    0.34    0.73    0.47*   0.39    0.00    0.39
39.80    0.33    0.73    0.45*   0.39    0.00    0.39
39.85    0.31    0.73    0.43*   0.38    0.00    0.38
39.90    0.30    0.73    0.41*   0.37    0.00    0.37
39.95    0.29    0.73    0.40*   0.37    0.00    0.37
40.00    0.28    0.73    0.38*   0.36    0.00    0.36
40.05    0.28    0.73    0.38*   0.36    0.00    0.36
40.10    0.30    0.73    0.41*   0.35    0.00    0.35
40.15    0.32    0.72    0.44*   0.34    0.00    0.34
40.20    0.34    0.72    0.47*   0.34    0.00    0.34
40.25    0.36    0.72    0.50*   0.33    0.00    0.33
40.30    0.39    0.72    0.54*   0.33    0.00    0.33
40.35    0.41    0.72    0.57*   0.33    0.00    0.33
40.40    0.46    0.72    0.63*   0.32    0.00    0.32
40.45    0.53    0.72    0.73*   0.32    0.00    0.32
40.50    0.61    0.72    0.85*   0.32    0.00    0.32
40.55    0.72    0.72    1.00*   0.32    0.00    0.32
40.60    0.85    0.72    1.18    0.32    0.00    0.32
40.65    1.00    0.72    1.38    0.32    0.00    0.32
40.70    1.11    0.72    1.54    0.32    0.00    0.32
40.75    1.13    0.72    1.57    0.32    0.00    0.32
40.80    1.16    0.72    1.60    0.32    0.00    0.32
40.85    1.18    0.72    1.64    0.32    0.00    0.32
40.90    1.21    0.72    1.67    0.32    0.00    0.32
40.95    1.23    0.72    1.71    0.32    0.00    0.32
41.00    1.26    0.72    1.75    0.32    0.00    0.32
41.05    1.20    0.72    1.66    0.32    0.00    0.32
41.10    1.12    0.72    1.55    0.32    0.00    0.32
41.15    1.04    0.72    1.45    0.32    0.00    0.32
41.20    0.97    0.72    1.35    0.32    0.00    0.32
41.25    0.90    0.72    1.26    0.32    0.00    0.32
41.30    0.84    0.72    1.17    0.32    0.00    0.32
41.35    0.77    0.72    1.08    0.32    0.00    0.32
41.40    0.69    0.72    0.97*   0.32    0.00    0.32
41.45    0.62    0.72    0.87*   0.32    0.00    0.32
41.50    0.56    0.72    0.78*   0.32    0.00    0.32
41.55    0.50    0.72    0.70*   0.31    0.00    0.31
41.60    0.45    0.72    0.62*   0.31    0.00    0.31
41.65    0.40    0.72    0.56*   0.30    0.00    0.30
41.70    0.38    0.72    0.53*   0.30    0.00    0.30
41.75    0.36    0.72    0.51*   0.29    0.00    0.29
41.80    0.35    0.72    0.49*   0.29    0.00    0.29
41.85    0.34    0.72    0.48*   0.28    0.00    0.28
41.90    0.33    0.72    0.47*   0.28    0.00    0.28
41.95    0.33    0.72    0.46*   0.27    0.00    0.27
42.00    0.33    0.72    0.46*   0.27    0.00    0.27
42.05    0.32    0.72    0.45*   0.26    0.00    0.26
42.10    0.32    0.72    0.45*   0.26    0.00    0.26
42.15    0.32    0.72    0.45*   0.25    0.00    0.25
42.20    0.33    0.71    0.46*   0.25    0.00    0.25
42.25    0.34    0.71    0.47*   0.24    0.00    0.24
42.30    0.35    0.71    0.50*   0.24    0.00    0.24
42.35    0.37    0.71    0.51*   0.24    0.00    0.24
42.40    0.37    0.71    0.52*   0.24    0.00    0.24
42.45    2.00    0.71    5.00    0.23    0.00    0.23
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42.50	2.00	0.71	5.00	0.23	0.00	0.23
42.55	2.00	0.71	5.00	0.23	0.00	0.23
42.60	2.00	0.71	5.00	0.23	0.00	0.23
42.65	2.00	0.71	5.00	0.23	0.00	0.23
42.70	2.00	0.71	5.00	0.23	0.00	0.23
42.75	2.00	0.71	5.00	0.23	0.00	0.23
42.80	2.00	0.71	5.00	0.23	0.00	0.23
42.85	2.00	0.71	5.00	0.23	0.00	0.23
42.90	2.00	0.71	5.00	0.23	0.00	0.23
42.95	2.00	0.71	5.00	0.23	0.00	0.23
43.00	2.00	0.71	5.00	0.23	0.00	0.23
43.05	2.00	0.71	5.00	0.23	0.00	0.23
43.10	2.00	0.71	5.00	0.23	0.00	0.23
43.15	2.00	0.71	5.00	0.23	0.00	0.23
43.20	2.00	0.71	5.00	0.23	0.00	0.23
43.25	2.00	0.71	5.00	0.23	0.00	0.23
43.30	2.00	0.71	5.00	0.23	0.00	0.23
43.35	0.24	0.71	0.34*	0.23	0.00	0.23
43.40	0.22	0.71	0.30*	0.23	0.00	0.23
43.45	0.22	0.71	0.31*	0.22	0.00	0.22
43.50	0.23	0.71	0.32*	0.21	0.00	0.21
43.55	0.25	0.71	0.35*	0.21	0.00	0.21
43.60	0.27	0.71	0.38*	0.20	0.00	0.20
43.65	0.29	0.71	0.42*	0.19	0.00	0.19
43.70	0.31	0.71	0.44*	0.18	0.00	0.18
43.75	0.33	0.71	0.47*	0.18	0.00	0.18
43.80	0.35	0.71	0.50*	0.17	0.00	0.17
43.85	0.38	0.71	0.53*	0.16	0.00	0.16
43.90	0.40	0.71	0.57*	0.16	0.00	0.16
43.95	0.43	0.71	0.61*	0.15	0.00	0.15
44.00	0.44	0.71	0.62*	0.15	0.00	0.15
44.05	0.44	0.71	0.63*	0.14	0.00	0.14
44.10	0.44	0.70	0.63*	0.14	0.00	0.14
44.15	0.45	0.70	0.64*	0.13	0.00	0.13
44.20	0.45	0.70	0.64*	0.13	0.00	0.13
44.25	0.46	0.70	0.65*	0.12	0.00	0.12
44.30	0.45	0.70	0.64*	0.12	0.00	0.12
44.35	0.42	0.70	0.59*	0.11	0.00	0.11
44.40	0.39	0.70	0.55*	0.11	0.00	0.11
44.45	0.36	0.70	0.52*	0.10	0.00	0.10
44.50	0.35	0.70	0.49*	0.10	0.00	0.10
44.55	0.34	0.70	0.48*	0.09	0.00	0.09
44.60	0.35	0.70	0.50*	0.09	0.00	0.09
44.65	0.37	0.70	0.52*	0.08	0.00	0.08
44.70	0.37	0.70	0.53*	0.08	0.00	0.08
44.75	2.00	0.70	5.00	0.08	0.00	0.08
44.80	2.00	0.70	5.00	0.08	0.00	0.08
44.85	2.00	0.70	5.00	0.08	0.00	0.08
44.90	2.00	0.70	5.00	0.08	0.00	0.08
44.95	2.00	0.70	5.00	0.08	0.00	0.08
45.00	2.00	0.70	5.00	0.08	0.00	0.08
45.05	0.24	0.70	0.34*	0.08	0.00	0.08
45.10	0.22	0.70	0.31*	0.07	0.00	0.07
45.15	0.23	0.70	0.33*	0.06	0.00	0.06
45.20	0.25	0.70	0.36*	0.06	0.00	0.06
45.25	0.28	0.70	0.40*	0.05	0.00	0.05
45.30	0.28	0.70	0.41*	0.04	0.00	0.04
45.35	0.26	0.70	0.38*	0.04	0.00	0.04
45.40	0.25	0.70	0.35*	0.03	0.00	0.03
45.45	0.24	0.70	0.34*	0.02	0.00	0.02
45.50	0.24	0.70	0.34*	0.01	0.00	0.01
45.55	0.26	0.70	0.37*	0.01	0.00	0.01
45.60	2.00	0.70	5.00	0.00	0.00	0.00

45.65	2.00	0.70	5.00	0.00	0.00	0.00
45.70	2.00	0.70	5.00	0.00	0.00	0.00
45.75	2.00	0.70	5.00	0.00	0.00	0.00
45.80	2.00	0.70	5.00	0.00	0.00	0.00
45.85	2.00	0.70	5.00	0.00	0.00	0.00
45.90	2.00	0.70	5.00	0.00	0.00	0.00
45.95	2.00	0.69	5.00	0.00	0.00	0.00
46.00	2.00	0.69	5.00	0.00	0.00	0.00
46.05	2.00	0.69	5.00	0.00	0.00	0.00
46.10	2.00	0.69	5.00	0.00	0.00	0.00
46.15	2.00	0.69	5.00	0.00	0.00	0.00
46.20	2.00	0.69	5.00	0.00	0.00	0.00
46.25	2.00	0.69	5.00	0.00	0.00	0.00
46.30	2.00	0.69	5.00	0.00	0.00	0.00
46.35	2.00	0.69	5.00	0.00	0.00	0.00
46.40	2.00	0.69	5.00	0.00	0.00	0.00
46.45	2.00	0.69	5.00	0.00	0.00	0.00
46.50	2.00	0.69	5.00	0.00	0.00	0.00
46.55	2.00	0.69	5.00	0.00	0.00	0.00
46.60	2.00	0.69	5.00	0.00	0.00	0.00
46.65	2.00	0.69	5.00	0.00	0.00	0.00
46.70	2.00	0.69	5.00	0.00	0.00	0.00
46.75	2.00	0.69	5.00	0.00	0.00	0.00
46.80	2.00	0.69	5.00	0.00	0.00	0.00
46.85	2.00	0.69	5.00	0.00	0.00	0.00
46.90	2.00	0.69	5.00	0.00	0.00	0.00
46.95	2.00	0.69	5.00	0.00	0.00	0.00
47.00	2.00	0.69	5.00	0.00	0.00	0.00
47.05	2.00	0.69	5.00	0.00	0.00	0.00
47.10	2.00	0.69	5.00	0.00	0.00	0.00
47.15	2.00	0.69	5.00	0.00	0.00	0.00
47.20	2.00	0.69	5.00	0.00	0.00	0.00
47.25	2.00	0.69	5.00	0.00	0.00	0.00
47.30	2.00	0.69	5.00	0.00	0.00	0.00
47.35	2.00	0.69	5.00	0.00	0.00	0.00
47.40	2.00	0.69	5.00	0.00	0.00	0.00
47.45	2.00	0.69	5.00	0.00	0.00	0.00
47.50	2.00	0.69	5.00	0.00	0.00	0.00
47.55	2.00	0.69	5.00	0.00	0.00	0.00
47.60	2.00	0.69	5.00	0.00	0.00	0.00
47.65	2.00	0.69	5.00	0.00	0.00	0.00
47.70	2.00	0.69	5.00	0.00	0.00	0.00
47.75	2.00	0.68	5.00	0.00	0.00	0.00
47.80	2.00	0.68	5.00	0.00	0.00	0.00
47.85	2.00	0.68	5.00	0.00	0.00	0.00
47.90	2.00	0.68	5.00	0.00	0.00	0.00
47.95	2.00	0.68	5.00	0.00	0.00	0.00
48.00	2.00	0.68	5.00	0.00	0.00	0.00
48.05	2.00	0.68	5.00	0.00	0.00	0.00
48.10	2.00	0.68	5.00	0.00	0.00	0.00
48.15	2.00	0.68	5.00	0.00	0.00	0.00
48.20	2.00	0.68	5.00	0.00	0.00	0.00
48.25	2.00	0.68	5.00	0.00	0.00	0.00
48.30	2.00	0.68	5.00	0.00	0.00	0.00
48.35	2.00	0.68	5.00	0.00	0.00	0.00
48.40	2.00	0.68	5.00	0.00	0.00	0.00
48.45	2.00	0.68	5.00	0.00	0.00	0.00
48.50	2.00	0.68	5.00	0.00	0.00	0.00
48.55	2.00	0.68	5.00	0.00	0.00	0.00
48.60	2.00	0.68	5.00	0.00	0.00	0.00
48.65	2.00	0.68	5.00	0.00	0.00	0.00
48.70	2.00	0.68	5.00	0.00	0.00	0.00
48.75	2.00	0.68	5.00	0.00	0.00	0.00

48.80	2.00	0.68	5.00	0.00	0.00	0.00
48.85	2.00	0.68	5.00	0.00	0.00	0.00
48.90	2.00	0.68	5.00	0.00	0.00	0.00
48.95	2.00	0.68	5.00	0.00	0.00	0.00
49.00	2.00	0.68	5.00	0.00	0.00	0.00
49.05	2.00	0.68	5.00	0.00	0.00	0.00
49.10	2.00	0.68	5.00	0.00	0.00	0.00
49.15	2.00	0.68	5.00	0.00	0.00	0.00
49.20	2.00	0.68	5.00	0.00	0.00	0.00
49.25	2.00	0.68	5.00	0.00	0.00	0.00
49.30	2.00	0.68	5.00	0.00	0.00	0.00
49.35	2.00	0.68	5.00	0.00	0.00	0.00
49.40	2.00	0.68	5.00	0.00	0.00	0.00
49.45	2.00	0.68	5.00	0.00	0.00	0.00
49.50	2.00	0.67	5.00	0.00	0.00	0.00
49.55	2.00	0.67	5.00	0.00	0.00	0.00
49.60	2.00	0.67	5.00	0.00	0.00	0.00
49.65	2.00	0.67	5.00	0.00	0.00	0.00
49.70	2.00	0.67	5.00	0.00	0.00	0.00
49.75	2.00	0.67	5.00	0.00	0.00	0.00
49.80	2.00	0.67	5.00	0.00	0.00	0.00
49.85	2.00	0.67	5.00	0.00	0.00	0.00
49.90	2.00	0.67	5.00	0.00	0.00	0.00
49.95	2.00	0.67	5.00	0.00	0.00	0.00
50.00	2.00	0.67	5.00	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

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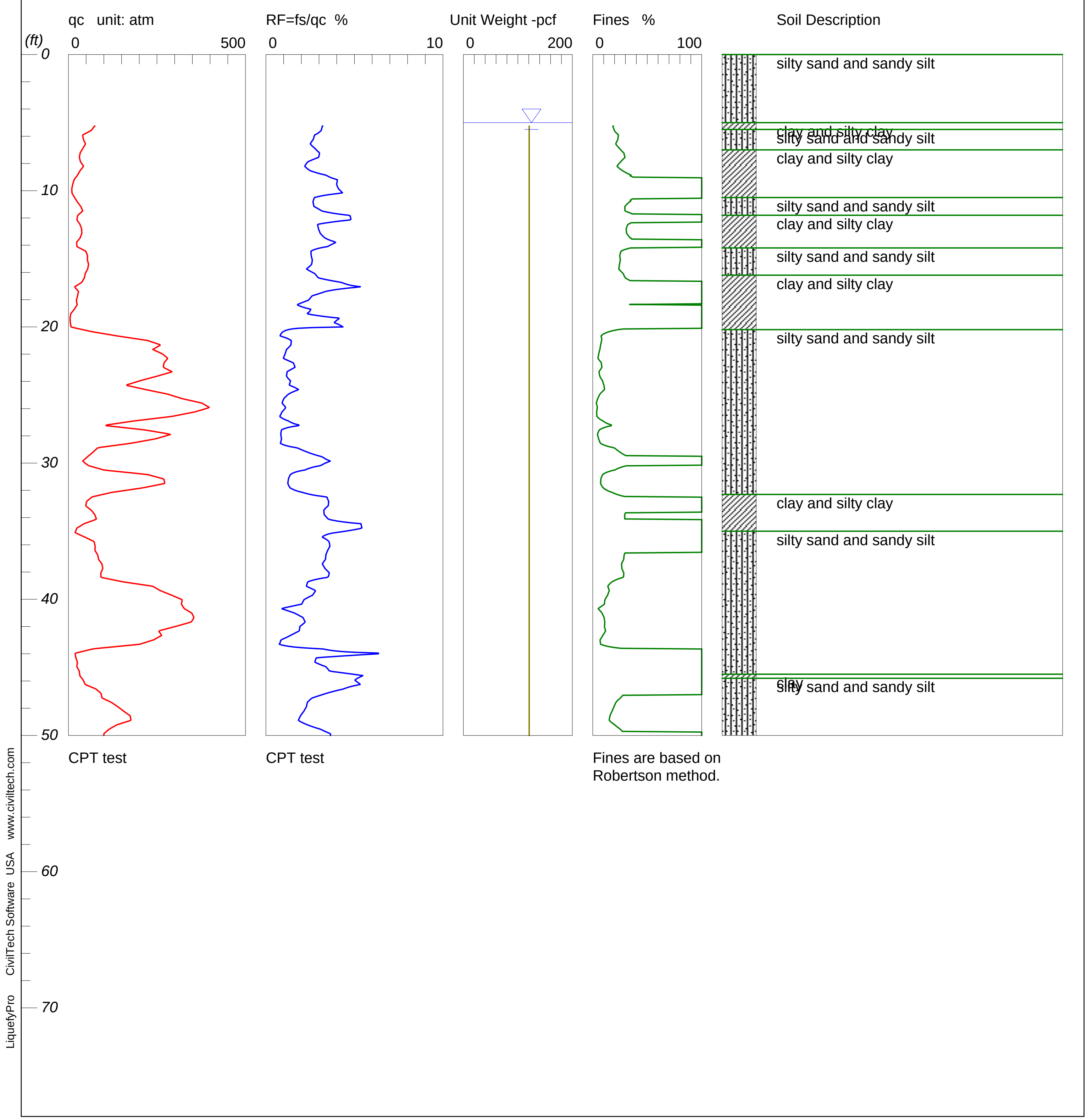
1 atm (atmosphere) = 1 tsf (ton/ft2)

CRRm	Cyclic resistance ratio from soils
CSRsf	Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S.	Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat	Settlement from saturated sands
S_dry	Settlement from Unsaturated Sands
S_all	Total Settlement from Saturated and Unsaturated Sands
NoLiq	No-Liquefy Soils

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=CPT-2 ***Water Depth=5 ft*** ***Surface Elev.=240*** ***Magnitude=6.81***
Acceleration=0.656g



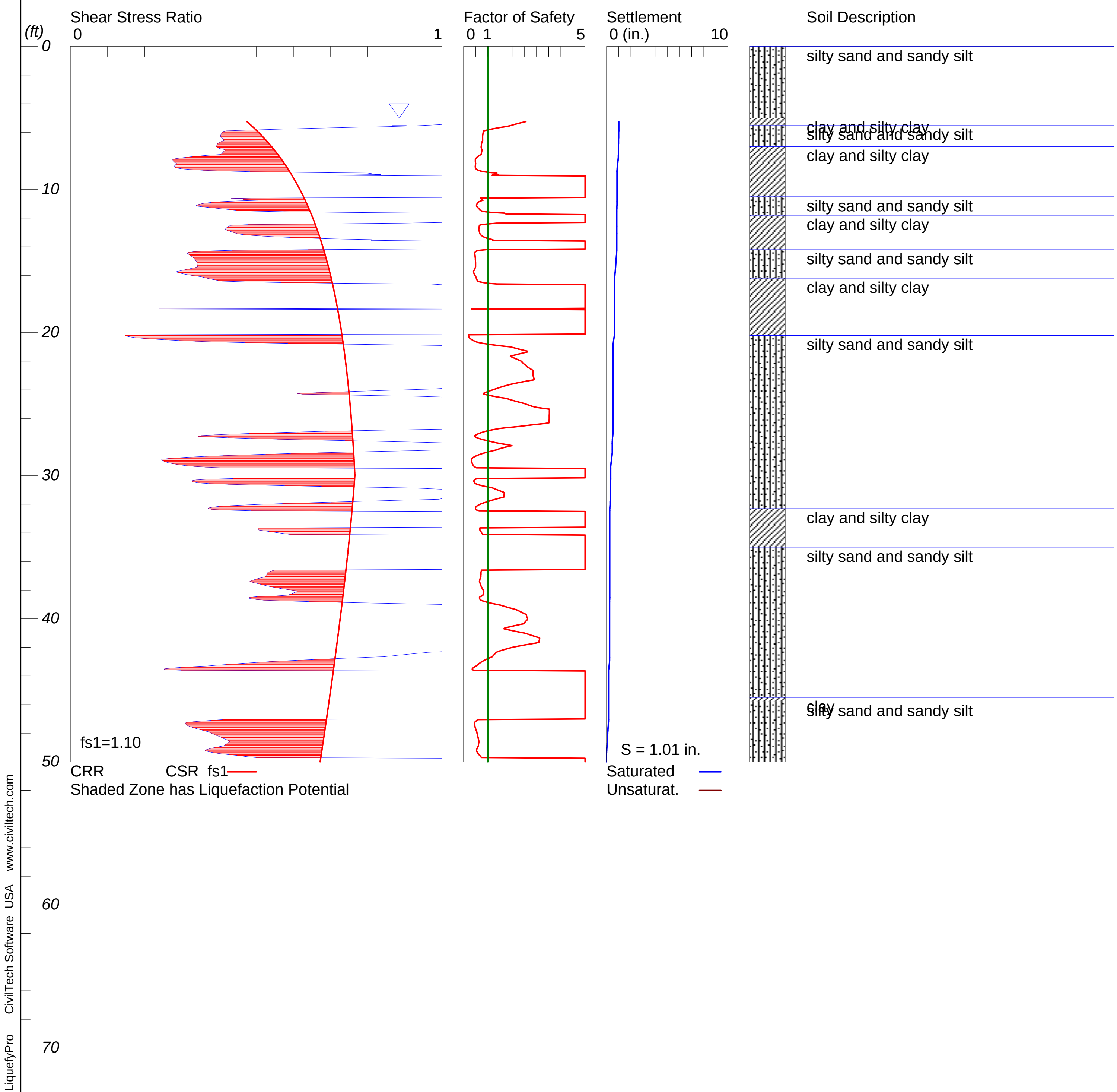
CivilTech Corporation **20G-0418-0**

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=CPT-2 Water Depth=5 ft Surface Elev.=240

Magnitude=6.81
Acceleration=0.656g



CivilTech Corporation **20G-0418-0**

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LIQUEFACTION ANALYSIS SUMMARY

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Input File Name: G:_Projects\2020\20G-0418\Liqefaction Analysis\20G-0418 CPT2.liq
Title: Solemo 13 Acres
Subtitle: 20G-0418-0

Surface Elev.=240
Hole No.=CPT-2
Depth of Hole= 50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration= 0.66 g
Earthquake Magnitude= 6.81

Input Data:
Surface Elev.=240
Hole No.=CPT-2
Depth of Hole=50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration=0.66 g
Earthquake Magnitude=6.81
No-Liquefiable Soils: Based on Analysis

1. CPT Calculation Method: Modify Robertson*
2. Settlement Analysis Method: Tokimatsu, M-correction
3. Fines Correction for Liquefaction: Stark/Olson et al.*
4. Fine Correction for Settlement: During Liquefaction*
5. Settlement Calculation in: All zones*
9. User request factor of safety (apply to CSR) ,   User= 1.1
   Plot one CSR curve (fs1=User)
10. Use Curve Smoothing: Yes*
* Recommended Options

In-Situ Test Data:

Depth ft	qc atm	fs atm	Rf pcf	gamma %	Fines mm	D50
5.25	73.88	2.36	3.19	120.90	0.00	0.50
5.58	64.44	2.01	3.12	120.90	0.00	0.50
5.91	40.22	1.11	2.75	120.90	0.00	0.50
6.23	42.19	1.13	2.67	120.90	0.00	0.50
6.56	48.30	1.21	2.50	120.90	0.00	0.50
6.89	40.69	1.13	2.77	120.90	0.00	0.50
7.22	33.13	1.00	3.03	120.90	0.00	0.50
7.55	30.82	0.92	2.98	120.90	0.00	0.50
7.87	34.03	0.81	2.37	120.90	0.00	0.50
8.20	42.80	0.94	2.19	120.90	0.00	0.50
8.53	32.87	0.82	2.50	120.90	0.00	0.50
8.86	25.61	0.87	3.40	120.90	0.00	0.50
9.19	16.03	0.65	4.04	120.90	0.00	0.50

9.51	12.27	0.49	3.99	120.90	0.00	0.50
9.84	9.43	0.39	4.09	120.90	0.00	0.50
10.17	9.95	0.43	4.34	120.90	0.00	0.50
10.50	17.28	0.47	2.74	120.90	0.00	0.50
10.83	25.41	0.68	2.66	120.90	0.00	0.50
11.15	34.72	0.94	2.71	120.90	0.00	0.50
11.48	40.51	1.27	3.15	120.90	0.00	0.50
11.81	25.99	1.24	4.76	120.90	0.00	0.50
12.14	23.76	1.14	4.81	120.90	0.00	0.50
12.47	32.53	0.95	2.91	120.90	0.00	0.50
12.80	37.21	1.10	2.97	120.90	0.00	0.50
13.12	37.82	1.16	3.07	120.90	0.00	0.50
13.45	33.34	1.11	3.31	120.90	0.00	0.50
13.78	23.15	0.92	3.97	120.90	0.00	0.50
14.11	24.19	0.84	3.47	120.90	0.00	0.50
14.44	48.73	1.24	2.54	120.90	0.00	0.50
14.76	54.00	1.38	2.56	120.90	0.00	0.50
15.09	53.56	1.41	2.62	120.90	0.00	0.50
15.42	56.89	1.47	2.58	120.90	0.00	0.50
15.75	54.17	1.24	2.29	120.90	0.00	0.50
16.08	47.52	1.31	2.75	120.90	0.00	0.50
16.40	44.94	1.33	2.97	120.90	0.00	0.50
16.73	37.47	1.60	4.28	120.90	0.00	0.50
17.06	17.36	0.94	5.40	120.90	0.00	0.50
17.39	28.16	0.95	3.38	120.90	0.00	0.50
17.72	25.96	0.68	2.60	120.90	0.00	0.50
18.05	22.28	0.53	2.40	120.90	0.00	0.50
18.37	24.60	0.43	1.75	120.90	0.00	0.50
18.70	16.64	0.42	2.54	120.90	0.00	0.50
19.03	6.60	0.15	2.29	120.90	0.00	0.50
19.36	4.46	0.19	4.17	120.90	0.00	0.50
19.68	5.15	0.20	3.84	120.90	0.00	0.50
20.01	7.58	0.33	4.37	120.90	0.00	0.50
20.34	64.53	0.64	0.99	120.90	0.00	0.50
20.67	139.28	1.11	0.79	120.90	0.00	0.50
21.00	223.69	3.20	1.43	120.90	0.00	0.50
21.33	260.70	3.69	1.42	120.90	0.00	0.50
21.65	237.81	2.77	1.16	120.90	0.00	0.50
21.98	265.65	2.88	1.08	120.90	0.00	0.50
22.31	280.49	2.76	0.98	120.90	0.00	0.50
22.64	270.02	4.19	1.55	120.90	0.00	0.50
22.97	268.02	4.42	1.65	120.90	0.00	0.50
23.29	293.23	3.49	1.19	120.90	0.00	0.50
23.62	249.59	2.90	1.16	120.90	0.00	0.50
23.95	202.56	2.81	1.39	120.90	0.00	0.50
24.28	161.65	2.13	1.32	120.90	0.00	0.50
24.61	219.03	4.05	1.85	120.90	0.00	0.50
24.93	280.03	3.57	1.27	120.90	0.00	0.50
25.26	320.37	3.25	1.01	120.90	0.00	0.50
25.59	376.51	3.43	0.91	120.90	0.00	0.50
25.92	398.62	4.48	1.12	120.90	0.00	0.50
26.25	356.14	3.22	0.90	120.90	0.00	0.50
26.58	291.61	2.26	0.78	120.90	0.00	0.50
26.90	185.58	2.36	1.27	120.90	0.00	0.50
27.23	99.43	1.97	1.98	120.90	0.00	0.50
27.56	214.80	1.89	0.88	120.90	0.00	0.50
27.89	289.49	2.43	0.84	120.90	0.00	0.50
28.22	246.58	2.17	0.88	120.90	0.00	0.50
28.54	176.52	1.44	0.81	120.90	0.00	0.50
28.87	82.68	1.46	1.76	120.90	0.00	0.50
29.20	69.39	1.64	2.36	120.90	0.00	0.50
29.53	54.11	1.71	3.16	120.90	0.00	0.50
29.86	39.96	1.46	3.65	120.90	0.00	0.50

30.18	56.63	1.75	3.10	120.90	0.00	0.50
30.51	100.62	2.21	2.20	120.90	0.00	0.50
30.84	223.80	3.09	1.38	120.90	0.00	0.50
31.17	269.58	3.43	1.27	120.90	0.00	0.50
31.50	272.04	3.36	1.24	120.90	0.00	0.50
31.82	208.41	2.86	1.37	120.90	0.00	0.50
32.15	122.00	2.54	2.08	120.90	0.00	0.50
32.48	66.79	2.30	3.45	120.90	0.00	0.50
32.81	51.48	1.83	3.55	120.90	0.00	0.50
33.14	48.56	1.71	3.52	120.90	0.00	0.50
33.47	64.76	2.12	3.27	120.90	0.00	0.50
33.79	74.66	2.46	3.29	120.90	0.00	0.50
34.12	79.06	2.79	3.53	120.90	0.00	0.50
34.45	44.19	2.37	5.37	120.90	0.00	0.50
34.78	23.50	1.28	5.43	120.90	0.00	0.50
35.10	18.84	0.74	3.93	120.90	0.00	0.50
35.43	46.19	1.46	3.16	120.90	0.00	0.50
35.76	72.49	2.58	3.56	120.90	0.00	0.50
36.09	75.41	2.73	3.62	120.90	0.00	0.50
36.42	74.98	2.62	3.49	120.90	0.00	0.50
36.74	82.70	2.80	3.39	120.90	0.00	0.50
37.07	85.11	2.86	3.37	120.90	0.00	0.50
37.40	94.51	3.01	3.18	120.90	0.00	0.50
37.73	97.03	3.23	3.33	120.90	0.00	0.50
38.06	91.68	3.29	3.59	120.90	0.00	0.50
38.39	91.44	3.21	3.51	120.90	0.00	0.50
38.71	153.08	3.62	2.37	120.90	0.00	0.50
39.04	238.19	5.45	2.29	120.90	0.00	0.50
39.37	259.95	7.31	2.81	120.90	0.00	0.50
39.70	291.55	7.69	2.64	120.90	0.00	0.50
40.03	321.15	6.90	2.15	120.90	0.00	0.50
40.35	319.07	6.46	2.03	120.90	0.00	0.50
40.68	326.91	2.81	0.86	120.90	0.00	0.50
41.01	348.27	5.63	1.62	120.90	0.00	0.50
41.34	354.46	7.41	2.09	120.90	0.00	0.50
41.67	346.99	7.70	2.22	120.90	0.00	0.50
41.99	302.37	5.80	1.92	120.90	0.00	0.50
42.32	254.59	4.80	1.88	120.90	0.00	0.50
42.65	263.33	3.65	1.39	120.90	0.00	0.50
42.98	240.59	2.05	0.85	120.90	0.00	0.50
43.31	200.25	1.52	0.76	120.90	0.00	0.50
43.63	69.91	2.24	3.20	120.90	0.00	0.50
43.96	18.84	1.29	6.85	120.90	0.00	0.50
44.29	20.86	0.59	2.85	120.90	0.00	0.50
44.62	25.41	0.70	2.76	120.90	0.00	0.50
44.95	23.64	0.80	3.38	120.90	0.00	0.50
45.28	30.65	1.10	3.59	120.90	0.00	0.50
45.60	32.15	1.77	5.50	120.90	0.00	0.50
45.93	41.61	2.09	5.01	120.90	0.00	0.50
46.26	47.63	2.54	5.34	120.90	0.00	0.50
46.59	77.87	3.41	4.38	120.90	0.00	0.50
46.92	92.22	3.13	3.39	120.90	0.00	0.50
47.24	94.80	2.48	2.62	120.90	0.00	0.50
47.57	121.42	2.84	2.34	120.90	0.00	0.50
47.90	140.00	3.20	2.28	120.90	0.00	0.50
48.23	156.73	3.35	2.14	120.90	0.00	0.50
48.56	174.47	3.41	1.95	120.90	0.00	0.50
48.88	176.69	3.23	1.83	120.90	0.00	0.50
49.21	136.76	3.20	2.34	120.90	0.00	0.50
49.54	114.80	3.55	3.09	120.90	0.00	0.50
49.87	99.89	3.64	3.65	120.90	0.00	0.50

Modify Robertson method generates Fines from qc/fs. Inputted Fines are not

relevant.

Output Results:
Settlement of Saturated Sands=1.01 in.
Settlement of Unsaturated Sands=0.00 in.
Total Settlement of Saturated and Unsaturated Sands=1.01 in.
Differential Settlement=0.503 to 0.664 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
5.25	1.22	0.47	2.56	1.01	0.00	1.01
5.30	1.16	0.48	2.44	1.01	0.00	1.01
5.35	1.11	0.48	2.32	1.01	0.00	1.01
5.40	1.06	0.48	2.20	1.01	0.00	1.01
5.45	1.01	0.48	2.09	1.01	0.00	1.01
5.50	0.97	0.49	1.99	1.01	0.00	1.01
5.55	0.92	0.49	1.89	1.01	0.00	1.01
5.60	0.85	0.49	1.74	1.01	0.00	1.01
5.65	0.76	0.49	1.55	1.01	0.00	1.01
5.70	0.68	0.49	1.38	1.01	0.00	1.01
5.75	0.60	0.50	1.22	1.01	0.00	1.01
5.80	0.54	0.50	1.08	1.01	0.00	1.01
5.85	0.47	0.50	0.95*	1.01	0.00	1.01
5.90	0.42	0.50	0.83*	1.01	0.00	1.01
5.95	0.41	0.50	0.81*	1.00	0.00	1.00
6.00	0.41	0.51	0.81*	1.00	0.00	1.00
6.05	0.41	0.51	0.80*	1.00	0.00	1.00
6.10	0.41	0.51	0.80*	1.00	0.00	1.00
6.15	0.41	0.51	0.79*	1.00	0.00	1.00
6.20	0.40	0.51	0.79*	1.00	0.00	1.00
6.25	0.40	0.52	0.78*	1.00	0.00	1.00
6.30	0.40	0.52	0.78*	1.00	0.00	1.00
6.35	0.41	0.52	0.78*	1.00	0.00	1.00
6.40	0.41	0.52	0.78*	1.00	0.00	1.00
6.45	0.41	0.52	0.78*	0.99	0.00	0.99
6.50	0.41	0.52	0.79*	0.99	0.00	0.99
6.55	0.41	0.53	0.79*	0.99	0.00	0.99
6.60	0.41	0.53	0.78*	0.99	0.00	0.99
6.65	0.41	0.53	0.77*	0.99	0.00	0.99
6.70	0.40	0.53	0.76*	0.99	0.00	0.99
6.75	0.40	0.53	0.75*	0.99	0.00	0.99
6.80	0.40	0.53	0.74*	0.99	0.00	0.99
6.85	0.39	0.54	0.74*	0.99	0.00	0.99
6.90	0.39	0.54	0.73*	0.98	0.00	0.98
6.95	0.39	0.54	0.73*	0.98	0.00	0.98
7.00	0.39	0.54	0.73*	0.98	0.00	0.98
7.05	0.39	0.54	0.73*	0.98	0.00	0.98
7.10	0.40	0.54	0.73*	0.98	0.00	0.98
7.15	0.40	0.55	0.74*	0.98	0.00	0.98
7.20	0.41	0.55	0.76*	0.98	0.00	0.98
7.25	0.42	0.55	0.76*	0.98	0.00	0.98
7.30	0.41	0.55	0.75*	0.98	0.00	0.98
7.35	0.41	0.55	0.75*	0.98	0.00	0.98
7.40	0.41	0.55	0.74*	0.98	0.00	0.98
7.45	0.41	0.56	0.74*	0.98	0.00	0.98
7.50	0.41	0.56	0.73*	0.98	0.00	0.98
7.55	0.40	0.56	0.72*	0.98	0.00	0.98
7.60	0.37	0.56	0.67*	0.98	0.00	0.98
7.65	0.35	0.56	0.62*	0.97	0.00	0.97
7.70	0.33	0.56	0.58*	0.97	0.00	0.97
7.75	0.31	0.56	0.55*	0.97	0.00	0.97
7.80	0.29	0.57	0.52*	0.96	0.00	0.96

7.85	0.28	0.57	0.50*	0.96	0.00	0.96
7.90	0.28	0.57	0.48*	0.95	0.00	0.95
7.95	0.28	0.57	0.48*	0.95	0.00	0.95
8.00	0.28	0.57	0.48*	0.94	0.00	0.94
8.05	0.28	0.57	0.49*	0.94	0.00	0.94
8.10	0.28	0.57	0.49*	0.93	0.00	0.93
8.15	0.28	0.57	0.49*	0.92	0.00	0.92
8.20	0.29	0.58	0.50*	0.92	0.00	0.92
8.25	0.28	0.58	0.49*	0.91	0.00	0.91
8.30	0.28	0.58	0.49*	0.90	0.00	0.90
8.35	0.28	0.58	0.48*	0.90	0.00	0.90
8.40	0.28	0.58	0.48*	0.89	0.00	0.89
8.45	0.28	0.58	0.49*	0.89	0.00	0.89
8.50	0.29	0.58	0.49*	0.88	0.00	0.88
8.55	0.30	0.59	0.51*	0.88	0.00	0.88
8.60	0.32	0.59	0.55*	0.87	0.00	0.87
8.65	0.36	0.59	0.61*	0.87	0.00	0.87
8.70	0.41	0.59	0.69*	0.87	0.00	0.87
8.75	0.48	0.59	0.82*	0.87	0.00	0.87
8.80	0.61	0.59	1.04	0.87	0.00	0.87
8.85	0.81	0.59	1.37	0.87	0.00	0.87
8.90	0.80	0.59	1.35	0.87	0.00	0.87
8.95	0.84	0.59	1.40	0.87	0.00	0.87
9.00	0.70	0.60	1.17	0.87	0.00	0.87
9.05	2.00	0.60	5.00	0.87	0.00	0.87
9.10	2.00	0.60	5.00	0.87	0.00	0.87
9.15	2.00	0.60	5.00	0.87	0.00	0.87
9.20	2.00	0.60	5.00	0.87	0.00	0.87
9.25	2.00	0.60	5.00	0.87	0.00	0.87
9.30	2.00	0.60	5.00	0.87	0.00	0.87
9.35	2.00	0.60	5.00	0.87	0.00	0.87
9.40	2.00	0.60	5.00	0.87	0.00	0.87
9.45	2.00	0.61	5.00	0.87	0.00	0.87
9.50	2.00	0.61	5.00	0.87	0.00	0.87
9.55	2.00	0.61	5.00	0.87	0.00	0.87
9.60	2.00	0.61	5.00	0.87	0.00	0.87
9.65	2.00	0.61	5.00	0.87	0.00	0.87
9.70	2.00	0.61	5.00	0.87	0.00	0.87
9.75	2.00	0.61	5.00	0.87	0.00	0.87
9.80	2.00	0.61	5.00	0.87	0.00	0.87
9.85	2.00	0.61	5.00	0.87	0.00	0.87
9.90	2.00	0.62	5.00	0.87	0.00	0.87
9.95	2.00	0.62	5.00	0.87	0.00	0.87
10.00	2.00	0.62	5.00	0.87	0.00	0.87
10.05	2.00	0.62	5.00	0.87	0.00	0.87
10.10	2.00	0.62	5.00	0.87	0.00	0.87
10.15	2.00	0.62	5.00	0.87	0.00	0.87
10.20	2.00	0.62	5.00	0.87	0.00	0.87
10.25	2.00	0.62	5.00	0.87	0.00	0.87
10.30	2.00	0.62	5.00	0.87	0.00	0.87
10.35	2.00	0.62	5.00	0.87	0.00	0.87
10.40	2.00	0.63	5.00	0.87	0.00	0.87
10.45	2.00	0.63	5.00	0.87	0.00	0.87
10.50	2.00	0.63	5.00	0.87	0.00	0.87
10.55	2.00	0.63	5.00	0.87	0.00	0.87
10.60	0.43	0.63	0.69*	0.87	0.00	0.87
10.65	0.49	0.63	0.79*	0.87	0.00	0.87
10.70	0.46	0.63	0.74*	0.87	0.00	0.87
10.75	0.50	0.63	0.80*	0.87	0.00	0.87
10.80	0.44	0.63	0.70*	0.87	0.00	0.87
10.85	0.40	0.63	0.64*	0.87	0.00	0.87
10.90	0.38	0.63	0.60*	0.86	0.00	0.86
10.95	0.36	0.64	0.57*	0.86	0.00	0.86

11.00	0.35	0.64	0.55*	0.86	0.00	0.86
11.05	0.34	0.64	0.54*	0.86	0.00	0.86
11.10	0.34	0.64	0.53*	0.86	0.00	0.86
11.15	0.34	0.64	0.53*	0.86	0.00	0.86
11.20	0.35	0.64	0.55*	0.85	0.00	0.85
11.25	0.37	0.64	0.58*	0.85	0.00	0.85
11.30	0.39	0.64	0.61*	0.85	0.00	0.85
11.35	0.41	0.64	0.64*	0.85	0.00	0.85
11.40	0.43	0.64	0.67*	0.85	0.00	0.85
11.45	0.45	0.64	0.69*	0.85	0.00	0.85
11.50	0.48	0.64	0.75*	0.85	0.00	0.85
11.55	0.57	0.65	0.89*	0.85	0.00	0.85
11.60	0.75	0.65	1.16	0.85	0.00	0.85
11.65	1.10	0.65	1.70	0.85	0.00	0.85
11.70	1.13	0.65	1.74	0.85	0.00	0.85
11.75	2.00	0.65	5.00	0.85	0.00	0.85
11.80	2.00	0.65	5.00	0.85	0.00	0.85
11.85	2.00	0.65	5.00	0.85	0.00	0.85
11.90	2.00	0.65	5.00	0.85	0.00	0.85
11.95	2.00	0.65	5.00	0.85	0.00	0.85
12.00	2.00	0.65	5.00	0.85	0.00	0.85
12.05	2.00	0.65	5.00	0.85	0.00	0.85
12.10	2.00	0.65	5.00	0.85	0.00	0.85
12.15	2.00	0.65	5.00	0.85	0.00	0.85
12.20	2.00	0.66	5.00	0.85	0.00	0.85
12.25	2.00	0.66	5.00	0.85	0.00	0.85
12.30	2.00	0.66	5.00	0.85	0.00	0.85
12.35	0.89	0.66	1.35	0.85	0.00	0.85
12.40	0.68	0.66	1.03	0.85	0.00	0.85
12.45	0.48	0.66	0.72*	0.85	0.00	0.85
12.50	0.43	0.66	0.65*	0.85	0.00	0.85
12.55	0.43	0.66	0.65*	0.85	0.00	0.85
12.60	0.42	0.66	0.64*	0.85	0.00	0.85
12.65	0.42	0.66	0.64*	0.84	0.00	0.84
12.70	0.42	0.66	0.63*	0.84	0.00	0.84
12.75	0.42	0.66	0.63*	0.84	0.00	0.84
12.80	0.42	0.66	0.63*	0.84	0.00	0.84
12.85	0.42	0.66	0.64*	0.84	0.00	0.84
12.90	0.43	0.67	0.64*	0.84	0.00	0.84
12.95	0.43	0.67	0.65*	0.84	0.00	0.84
13.00	0.44	0.67	0.66*	0.84	0.00	0.84
13.05	0.44	0.67	0.67*	0.84	0.00	0.84
13.10	0.45	0.67	0.67*	0.84	0.00	0.84
13.15	0.46	0.67	0.69*	0.84	0.00	0.84
13.20	0.49	0.67	0.73*	0.84	0.00	0.84
13.25	0.52	0.67	0.77*	0.84	0.00	0.84
13.30	0.55	0.67	0.82*	0.84	0.00	0.84
13.35	0.59	0.67	0.88*	0.84	0.00	0.84
13.40	0.65	0.67	0.96*	0.84	0.00	0.84
13.45	0.71	0.67	1.06	0.84	0.00	0.84
13.50	0.81	0.67	1.20	0.84	0.00	0.84
13.55	0.81	0.67	1.20	0.84	0.00	0.84
13.60	2.00	0.67	5.00	0.84	0.00	0.84
13.65	2.00	0.67	5.00	0.84	0.00	0.84
13.70	2.00	0.68	5.00	0.84	0.00	0.84
13.75	2.00	0.68	5.00	0.84	0.00	0.84
13.80	2.00	0.68	5.00	0.84	0.00	0.84
13.85	2.00	0.68	5.00	0.84	0.00	0.84
13.90	2.00	0.68	5.00	0.84	0.00	0.84
13.95	2.00	0.68	5.00	0.84	0.00	0.84
14.00	2.00	0.68	5.00	0.84	0.00	0.84
14.05	2.00	0.68	5.00	0.84	0.00	0.84
14.10	2.00	0.68	5.00	0.84	0.00	0.84

14.15	2.00	0.68	5.00	0.84	0.00	0.84
14.20	0.64	0.68	0.94*	0.84	0.00	0.84
14.25	0.43	0.68	0.64*	0.84	0.00	0.84
14.30	0.36	0.68	0.53*	0.84	0.00	0.84
14.35	0.33	0.68	0.48*	0.84	0.00	0.84
14.40	0.32	0.68	0.46*	0.83	0.00	0.83
14.45	0.31	0.68	0.46*	0.83	0.00	0.83
14.50	0.32	0.68	0.46*	0.82	0.00	0.82
14.55	0.32	0.69	0.47*	0.82	0.00	0.82
14.60	0.32	0.69	0.47*	0.82	0.00	0.82
14.65	0.32	0.69	0.47*	0.81	0.00	0.81
14.70	0.33	0.69	0.48*	0.81	0.00	0.81
14.75	0.33	0.69	0.48*	0.80	0.00	0.80
14.80	0.33	0.69	0.48*	0.80	0.00	0.80
14.85	0.33	0.69	0.49*	0.79	0.00	0.79
14.90	0.34	0.69	0.49*	0.79	0.00	0.79
14.95	0.34	0.69	0.49*	0.78	0.00	0.78
15.00	0.34	0.69	0.49*	0.78	0.00	0.78
15.05	0.34	0.69	0.49*	0.78	0.00	0.78
15.10	0.34	0.69	0.49*	0.77	0.00	0.77
15.15	0.34	0.69	0.49*	0.77	0.00	0.77
15.20	0.34	0.69	0.49*	0.76	0.00	0.76
15.25	0.34	0.69	0.49*	0.76	0.00	0.76
15.30	0.34	0.69	0.49*	0.76	0.00	0.76
15.35	0.34	0.69	0.49*	0.75	0.00	0.75
15.40	0.34	0.69	0.49*	0.75	0.00	0.75
15.45	0.34	0.69	0.48*	0.74	0.00	0.74
15.50	0.33	0.70	0.47*	0.74	0.00	0.74
15.55	0.32	0.70	0.46*	0.73	0.00	0.73
15.60	0.31	0.70	0.44*	0.73	0.00	0.73
15.65	0.30	0.70	0.43*	0.72	0.00	0.72
15.70	0.29	0.70	0.42*	0.72	0.00	0.72
15.75	0.28	0.70	0.41*	0.71	0.00	0.71
15.80	0.29	0.70	0.42*	0.71	0.00	0.71
15.85	0.30	0.70	0.42*	0.70	0.00	0.70
15.90	0.30	0.70	0.44*	0.69	0.00	0.69
15.95	0.31	0.70	0.45*	0.69	0.00	0.69
16.00	0.33	0.70	0.47*	0.68	0.00	0.68
16.05	0.34	0.70	0.49*	0.68	0.00	0.68
16.10	0.35	0.70	0.50*	0.68	0.00	0.68
16.15	0.36	0.70	0.51*	0.67	0.00	0.67
16.20	0.37	0.70	0.52*	0.67	0.00	0.67
16.25	0.38	0.70	0.54*	0.67	0.00	0.67
16.30	0.39	0.70	0.55*	0.67	0.00	0.67
16.35	0.40	0.70	0.56*	0.67	0.00	0.67
16.40	0.41	0.70	0.58*	0.67	0.00	0.67
16.45	0.47	0.70	0.67*	0.66	0.00	0.66
16.50	0.57	0.70	0.80*	0.66	0.00	0.66
16.55	0.72	0.70	1.01	0.66	0.00	0.66
16.60	0.97	0.71	1.37	0.66	0.00	0.66
16.65	2.00	0.71	5.00	0.66	0.00	0.66
16.70	2.00	0.71	5.00	0.66	0.00	0.66
16.75	2.00	0.71	5.00	0.66	0.00	0.66
16.80	2.00	0.71	5.00	0.66	0.00	0.66
16.85	2.00	0.71	5.00	0.66	0.00	0.66
16.90	2.00	0.71	5.00	0.66	0.00	0.66
16.95	2.00	0.71	5.00	0.66	0.00	0.66
17.00	2.00	0.71	5.00	0.66	0.00	0.66
17.05	2.00	0.71	5.00	0.66	0.00	0.66
17.10	2.00	0.71	5.00	0.66	0.00	0.66
17.15	2.00	0.71	5.00	0.66	0.00	0.66
17.20	2.00	0.71	5.00	0.66	0.00	0.66
17.25	2.00	0.71	5.00	0.66	0.00	0.66

17.30	2.00	0.71	5.00	0.66	0.00	0.66
17.35	2.00	0.71	5.00	0.66	0.00	0.66
17.40	2.00	0.71	5.00	0.66	0.00	0.66
17.45	2.00	0.71	5.00	0.66	0.00	0.66
17.50	2.00	0.71	5.00	0.66	0.00	0.66
17.55	2.00	0.71	5.00	0.66	0.00	0.66
17.60	2.00	0.71	5.00	0.66	0.00	0.66
17.65	2.00	0.71	5.00	0.66	0.00	0.66
17.70	2.00	0.71	5.00	0.66	0.00	0.66
17.75	2.00	0.71	5.00	0.66	0.00	0.66
17.80	2.00	0.71	5.00	0.66	0.00	0.66
17.85	2.00	0.72	5.00	0.66	0.00	0.66
17.90	2.00	0.72	5.00	0.66	0.00	0.66
17.95	2.00	0.72	5.00	0.66	0.00	0.66
18.00	2.00	0.72	5.00	0.66	0.00	0.66
18.05	2.00	0.72	5.00	0.66	0.00	0.66
18.10	2.00	0.72	5.00	0.66	0.00	0.66
18.15	2.00	0.72	5.00	0.66	0.00	0.66
18.20	2.00	0.72	5.00	0.66	0.00	0.66
18.25	2.00	0.72	5.00	0.66	0.00	0.66
18.30	2.00	0.72	5.00	0.66	0.00	0.66
18.35	0.24	0.72	0.33*	0.66	0.00	0.66
18.40	2.00	0.72	5.00	0.66	0.00	0.66
18.45	2.00	0.72	5.00	0.66	0.00	0.66
18.50	2.00	0.72	5.00	0.66	0.00	0.66
18.55	2.00	0.72	5.00	0.66	0.00	0.66
18.60	2.00	0.72	5.00	0.66	0.00	0.66
18.65	2.00	0.72	5.00	0.66	0.00	0.66
18.70	2.00	0.72	5.00	0.66	0.00	0.66
18.75	2.00	0.72	5.00	0.66	0.00	0.66
18.80	2.00	0.72	5.00	0.66	0.00	0.66
18.85	2.00	0.72	5.00	0.66	0.00	0.66
18.90	2.00	0.72	5.00	0.66	0.00	0.66
18.95	2.00	0.72	5.00	0.66	0.00	0.66
19.00	2.00	0.72	5.00	0.66	0.00	0.66
19.05	2.00	0.72	5.00	0.66	0.00	0.66
19.10	2.00	0.72	5.00	0.66	0.00	0.66
19.15	2.00	0.72	5.00	0.66	0.00	0.66
19.20	2.00	0.72	5.00	0.66	0.00	0.66
19.25	2.00	0.72	5.00	0.66	0.00	0.66
19.30	2.00	0.73	5.00	0.66	0.00	0.66
19.35	2.00	0.73	5.00	0.66	0.00	0.66
19.40	2.00	0.73	5.00	0.66	0.00	0.66
19.45	2.00	0.73	5.00	0.66	0.00	0.66
19.50	2.00	0.73	5.00	0.66	0.00	0.66
19.55	2.00	0.73	5.00	0.66	0.00	0.66
19.60	2.00	0.73	5.00	0.66	0.00	0.66
19.65	2.00	0.73	5.00	0.66	0.00	0.66
19.70	2.00	0.73	5.00	0.66	0.00	0.66
19.75	2.00	0.73	5.00	0.66	0.00	0.66
19.80	2.00	0.73	5.00	0.66	0.00	0.66
19.85	2.00	0.73	5.00	0.66	0.00	0.66
19.90	2.00	0.73	5.00	0.66	0.00	0.66
19.95	2.00	0.73	5.00	0.66	0.00	0.66
20.00	2.00	0.73	5.00	0.66	0.00	0.66
20.05	2.00	0.73	5.00	0.66	0.00	0.66
20.10	2.00	0.73	5.00	0.66	0.00	0.66
20.15	0.16	0.73	0.22*	0.66	0.00	0.66
20.20	0.15	0.73	0.20*	0.65	0.00	0.65
20.25	0.15	0.73	0.21*	0.64	0.00	0.64
20.30	0.16	0.73	0.22*	0.63	0.00	0.63
20.35	0.17	0.73	0.24*	0.62	0.00	0.62
20.40	0.20	0.73	0.27*	0.61	0.00	0.61

20.45	0.22	0.73	0.30*	0.60	0.00	0.60
20.50	0.25	0.73	0.35*	0.59	0.00	0.59
20.55	0.29	0.73	0.40*	0.58	0.00	0.58
20.60	0.34	0.73	0.46*	0.57	0.00	0.57
20.65	0.39	0.73	0.53*	0.57	0.00	0.57
20.70	0.47	0.73	0.64*	0.56	0.00	0.56
20.75	0.59	0.73	0.80*	0.55	0.00	0.55
20.80	0.72	0.73	0.98*	0.55	0.00	0.55
20.85	0.87	0.73	1.18	0.55	0.00	0.55
20.90	1.04	0.73	1.41	0.55	0.00	0.55
20.95	1.23	0.73	1.67	0.55	0.00	0.55
21.00	1.43	0.74	1.94	0.55	0.00	0.55
21.05	1.51	0.74	2.05	0.55	0.00	0.55
21.10	1.59	0.74	2.16	0.55	0.00	0.55
21.15	1.67	0.74	2.27	0.55	0.00	0.55
21.20	1.76	0.74	2.39	0.55	0.00	0.55
21.25	1.85	0.74	2.51	0.55	0.00	0.55
21.30	1.94	0.74	2.63	0.55	0.00	0.55
21.35	1.94	0.74	2.63	0.55	0.00	0.55
21.40	1.85	0.74	2.51	0.55	0.00	0.55
21.45	1.76	0.74	2.38	0.55	0.00	0.55
21.50	1.67	0.74	2.26	0.55	0.00	0.55
21.55	1.58	0.74	2.15	0.55	0.00	0.55
21.60	1.50	0.74	2.04	0.55	0.00	0.55
21.65	1.42	0.74	1.93	0.55	0.00	0.55
21.70	1.46	0.74	1.98	0.55	0.00	0.55
21.75	1.51	0.74	2.04	0.55	0.00	0.55
21.80	1.56	0.74	2.11	0.55	0.00	0.55
21.85	1.61	0.74	2.18	0.55	0.00	0.55
21.90	1.67	0.74	2.25	0.55	0.00	0.55
21.95	1.72	0.74	2.32	0.55	0.00	0.55
22.00	1.76	0.74	2.38	0.55	0.00	0.55
22.05	1.78	0.74	2.41	0.55	0.00	0.55
22.10	1.80	0.74	2.43	0.55	0.00	0.55
22.15	1.82	0.74	2.46	0.55	0.00	0.55
22.20	1.85	0.74	2.49	0.55	0.00	0.55
22.25	1.88	0.74	2.54	0.55	0.00	0.55
22.30	1.92	0.74	2.59	0.55	0.00	0.55
22.35	1.92	0.74	2.58	0.55	0.00	0.55
22.40	1.95	0.74	2.63	0.55	0.00	0.55
22.45	1.99	0.74	2.68	0.55	0.00	0.55
22.50	2.02	0.74	2.72	0.55	0.00	0.55
22.55	2.06	0.74	2.77	0.55	0.00	0.55
22.60	2.09	0.74	2.82	0.55	0.00	0.55
22.65	2.12	0.74	2.86	0.55	0.00	0.55
22.70	2.12	0.74	2.86	0.55	0.00	0.55
22.75	2.12	0.74	2.86	0.55	0.00	0.55
22.80	2.13	0.74	2.86	0.55	0.00	0.55
22.85	2.13	0.74	2.86	0.55	0.00	0.55
22.90	2.13	0.74	2.86	0.55	0.00	0.55
22.95	2.13	0.74	2.86	0.55	0.00	0.55
23.00	2.13	0.74	2.86	0.55	0.00	0.55
23.05	2.14	0.74	2.87	0.55	0.00	0.55
23.10	2.14	0.75	2.88	0.55	0.00	0.55
23.15	2.15	0.75	2.89	0.55	0.00	0.55
23.20	2.16	0.75	2.90	0.55	0.00	0.55
23.25	2.17	0.75	2.91	0.55	0.00	0.55
23.30	2.16	0.75	2.90	0.55	0.00	0.55
23.35	2.03	0.75	2.72	0.55	0.00	0.55
23.40	1.91	0.75	2.56	0.55	0.00	0.55
23.45	1.79	0.75	2.40	0.55	0.00	0.55
23.50	1.68	0.75	2.25	0.55	0.00	0.55
23.55	1.58	0.75	2.11	0.55	0.00	0.55

23.60	1.48	0.75	1.98	0.55	0.00	0.55
23.65	1.39	0.75	1.86	0.55	0.00	0.55
23.70	1.31	0.75	1.75	0.55	0.00	0.55
23.75	1.23	0.75	1.65	0.55	0.00	0.55
23.80	1.16	0.75	1.55	0.55	0.00	0.55
23.85	1.09	0.75	1.46	0.55	0.00	0.55
23.90	1.03	0.75	1.37	0.55	0.00	0.55
23.95	0.97	0.75	1.29	0.55	0.00	0.55
24.00	0.90	0.75	1.20	0.55	0.00	0.55
24.05	0.83	0.75	1.11	0.55	0.00	0.55
24.10	0.77	0.75	1.03	0.55	0.00	0.55
24.15	0.72	0.75	0.96*	0.55	0.00	0.55
24.20	0.66	0.75	0.88*	0.54	0.00	0.54
24.25	0.61	0.75	0.82*	0.54	0.00	0.54
24.30	0.62	0.75	0.83*	0.54	0.00	0.54
24.35	0.72	0.75	0.96*	0.54	0.00	0.54
24.40	0.82	0.75	1.09	0.54	0.00	0.54
24.45	0.93	0.75	1.24	0.54	0.00	0.54
24.50	1.05	0.75	1.40	0.54	0.00	0.54
24.55	1.18	0.75	1.58	0.54	0.00	0.54
24.60	1.32	0.75	1.76	0.54	0.00	0.54
24.65	1.40	0.75	1.86	0.54	0.00	0.54
24.70	1.47	0.75	1.95	0.54	0.00	0.54
24.75	1.54	0.75	2.05	0.54	0.00	0.54
24.80	1.62	0.75	2.15	0.54	0.00	0.54
24.85	1.70	0.75	2.26	0.54	0.00	0.54
24.90	1.79	0.75	2.38	0.54	0.00	0.54
24.95	1.87	0.75	2.49	0.54	0.00	0.54
25.00	1.93	0.75	2.57	0.54	0.00	0.54
25.05	1.99	0.75	2.65	0.54	0.00	0.54
25.10	2.06	0.75	2.74	0.54	0.00	0.54
25.15	2.13	0.75	2.82	0.54	0.00	0.54
25.20	2.21	0.75	2.93	0.54	0.00	0.54
25.25	2.33	0.75	3.09	0.54	0.00	0.54
25.30	2.49	0.75	3.31	0.54	0.00	0.54
25.35	2.66	0.75	3.53	0.54	0.00	0.54
25.40	2.66	0.75	3.53	0.54	0.00	0.54
25.45	2.66	0.75	3.53	0.54	0.00	0.54
25.50	2.66	0.75	3.53	0.54	0.00	0.54
25.55	2.66	0.75	3.53	0.54	0.00	0.54
25.60	2.66	0.75	3.53	0.54	0.00	0.54
25.65	2.66	0.75	3.53	0.54	0.00	0.54
25.70	2.66	0.75	3.53	0.54	0.00	0.54
25.75	2.66	0.75	3.53	0.54	0.00	0.54
25.80	2.66	0.75	3.53	0.54	0.00	0.54
25.85	2.66	0.76	3.53	0.54	0.00	0.54
25.90	2.66	0.76	3.52	0.54	0.00	0.54
25.95	2.66	0.76	3.52	0.54	0.00	0.54
26.00	2.66	0.76	3.52	0.54	0.00	0.54
26.05	2.66	0.76	3.52	0.54	0.00	0.54
26.10	2.66	0.76	3.52	0.54	0.00	0.54
26.15	2.66	0.76	3.52	0.54	0.00	0.54
26.20	2.66	0.76	3.52	0.54	0.00	0.54
26.25	2.66	0.76	3.52	0.54	0.00	0.54
26.30	2.66	0.76	3.52	0.54	0.00	0.54
26.35	2.54	0.76	3.36	0.54	0.00	0.54
26.40	2.33	0.76	3.08	0.54	0.00	0.54
26.45	2.13	0.76	2.81	0.54	0.00	0.54
26.50	1.94	0.76	2.56	0.54	0.00	0.54
26.55	1.76	0.76	2.33	0.54	0.00	0.54
26.60	1.55	0.76	2.05	0.54	0.00	0.54
26.65	1.31	0.76	1.73	0.54	0.00	0.54
26.70	1.13	0.76	1.50	0.54	0.00	0.54

26.75	1.00	0.76	1.32	0.54	0.00	0.54
26.80	0.88	0.76	1.16	0.54	0.00	0.54
26.85	0.78	0.76	1.03	0.54	0.00	0.54
26.90	0.68	0.76	0.90*	0.54	0.00	0.54
26.95	0.61	0.76	0.81*	0.53	0.00	0.53
27.00	0.54	0.76	0.71*	0.53	0.00	0.53
27.05	0.48	0.76	0.63*	0.53	0.00	0.53
27.10	0.43	0.76	0.57*	0.52	0.00	0.52
27.15	0.39	0.76	0.51*	0.52	0.00	0.52
27.20	0.35	0.76	0.46*	0.51	0.00	0.51
27.25	0.34	0.76	0.45*	0.51	0.00	0.51
27.30	0.38	0.76	0.50*	0.50	0.00	0.50
27.35	0.42	0.76	0.56*	0.49	0.00	0.49
27.40	0.48	0.76	0.64*	0.49	0.00	0.49
27.45	0.56	0.76	0.73*	0.48	0.00	0.48
27.50	0.64	0.76	0.84*	0.48	0.00	0.48
27.55	0.74	0.76	0.97*	0.48	0.00	0.48
27.60	0.83	0.76	1.09	0.47	0.00	0.47
27.65	0.92	0.76	1.21	0.47	0.00	0.47
27.70	1.02	0.76	1.34	0.47	0.00	0.47
27.75	1.13	0.76	1.49	0.47	0.00	0.47
27.80	1.27	0.76	1.67	0.47	0.00	0.47
27.85	1.42	0.76	1.87	0.47	0.00	0.47
27.90	1.51	0.76	1.99	0.47	0.00	0.47
27.95	1.42	0.76	1.86	0.47	0.00	0.47
28.00	1.32	0.76	1.74	0.47	0.00	0.47
28.05	1.23	0.76	1.62	0.47	0.00	0.47
28.10	1.15	0.76	1.51	0.47	0.00	0.47
28.15	1.08	0.76	1.42	0.47	0.00	0.47
28.20	1.02	0.76	1.34	0.47	0.00	0.47
28.25	0.93	0.76	1.22	0.47	0.00	0.47
28.30	0.84	0.76	1.10	0.47	0.00	0.47
28.35	0.75	0.76	0.98*	0.47	0.00	0.47
28.40	0.67	0.76	0.88*	0.47	0.00	0.47
28.45	0.59	0.76	0.78*	0.46	0.00	0.46
28.50	0.53	0.76	0.69*	0.46	0.00	0.46
28.55	0.46	0.76	0.61*	0.45	0.00	0.45
28.60	0.41	0.76	0.54*	0.45	0.00	0.45
28.65	0.36	0.76	0.48*	0.44	0.00	0.44
28.70	0.32	0.76	0.42*	0.43	0.00	0.43
28.75	0.29	0.76	0.38*	0.43	0.00	0.43
28.80	0.26	0.76	0.35*	0.42	0.00	0.42
28.85	0.25	0.76	0.32*	0.41	0.00	0.41
28.90	0.24	0.76	0.32*	0.41	0.00	0.41
28.95	0.25	0.76	0.33*	0.40	0.00	0.40
29.00	0.25	0.76	0.33*	0.39	0.00	0.39
29.05	0.26	0.76	0.34*	0.38	0.00	0.38
29.10	0.26	0.76	0.35*	0.38	0.00	0.38
29.15	0.27	0.76	0.36*	0.37	0.00	0.37
29.20	0.28	0.76	0.37*	0.36	0.00	0.36
29.25	0.30	0.76	0.39*	0.36	0.00	0.36
29.30	0.31	0.76	0.41*	0.35	0.00	0.35
29.35	0.33	0.76	0.44*	0.35	0.00	0.35
29.40	0.36	0.76	0.47*	0.34	0.00	0.34
29.45	0.41	0.76	0.53*	0.34	0.00	0.34
29.50	2.00	0.76	5.00	0.34	0.00	0.34
29.55	2.00	0.76	5.00	0.34	0.00	0.34
29.60	2.00	0.76	5.00	0.34	0.00	0.34
29.65	2.00	0.76	5.00	0.34	0.00	0.34
29.70	2.00	0.76	5.00	0.34	0.00	0.34
29.75	2.00	0.76	5.00	0.34	0.00	0.34
29.80	2.00	0.77	5.00	0.34	0.00	0.34
29.85	2.00	0.77	5.00	0.34	0.00	0.34

29.90	2.00	0.77	5.00	0.34	0.00	0.34
29.95	2.00	0.77	5.00	0.34	0.00	0.34
30.00	2.00	0.77	5.00	0.34	0.00	0.34
30.05	2.00	0.77	5.00	0.34	0.00	0.34
30.10	2.00	0.77	5.00	0.34	0.00	0.34
30.15	2.00	0.76	5.00	0.34	0.00	0.34
30.20	0.44	0.76	0.57*	0.34	0.00	0.34
30.25	0.37	0.76	0.48*	0.34	0.00	0.34
30.30	0.34	0.76	0.44*	0.34	0.00	0.34
30.35	0.33	0.76	0.43*	0.34	0.00	0.34
30.40	0.33	0.76	0.43*	0.33	0.00	0.33
30.45	0.33	0.76	0.44*	0.33	0.00	0.33
30.50	0.34	0.76	0.45*	0.32	0.00	0.32
30.55	0.37	0.76	0.49*	0.32	0.00	0.32
30.60	0.42	0.76	0.56*	0.31	0.00	0.31
30.65	0.49	0.76	0.65*	0.31	0.00	0.31
30.70	0.58	0.76	0.76*	0.30	0.00	0.30
30.75	0.68	0.76	0.89*	0.30	0.00	0.30
30.80	0.79	0.76	1.04	0.30	0.00	0.30
30.85	0.91	0.76	1.19	0.30	0.00	0.30
30.90	0.96	0.76	1.26	0.30	0.00	0.30
30.95	1.01	0.76	1.33	0.30	0.00	0.30
31.00	1.07	0.76	1.40	0.30	0.00	0.30
31.05	1.13	0.76	1.48	0.30	0.00	0.30
31.10	1.19	0.76	1.56	0.30	0.00	0.30
31.15	1.25	0.76	1.64	0.30	0.00	0.30
31.20	1.28	0.76	1.67	0.30	0.00	0.30
31.25	1.27	0.76	1.67	0.30	0.00	0.30
31.30	1.27	0.76	1.67	0.30	0.00	0.30
31.35	1.27	0.76	1.67	0.30	0.00	0.30
31.40	1.27	0.76	1.67	0.30	0.00	0.30
31.45	1.27	0.76	1.67	0.30	0.00	0.30
31.50	1.26	0.76	1.65	0.30	0.00	0.30
31.55	1.16	0.76	1.53	0.30	0.00	0.30
31.60	1.07	0.76	1.41	0.30	0.00	0.30
31.65	0.99	0.76	1.30	0.30	0.00	0.30
31.70	0.91	0.76	1.20	0.30	0.00	0.30
31.75	0.84	0.76	1.11	0.30	0.00	0.30
31.80	0.77	0.76	1.02	0.30	0.00	0.30
31.85	0.70	0.76	0.92*	0.30	0.00	0.30
31.90	0.63	0.76	0.83*	0.30	0.00	0.30
31.95	0.57	0.76	0.75*	0.30	0.00	0.30
32.00	0.52	0.76	0.68*	0.29	0.00	0.29
32.05	0.47	0.76	0.62*	0.29	0.00	0.29
32.10	0.43	0.76	0.57*	0.29	0.00	0.29
32.15	0.40	0.76	0.53*	0.28	0.00	0.28
32.20	0.38	0.76	0.51*	0.28	0.00	0.28
32.25	0.37	0.76	0.49*	0.27	0.00	0.27
32.30	0.37	0.76	0.49*	0.27	0.00	0.27
32.35	0.38	0.76	0.50*	0.27	0.00	0.27
32.40	0.41	0.76	0.54*	0.26	0.00	0.26
32.45	0.49	0.76	0.64*	0.26	0.00	0.26
32.50	2.00	0.76	5.00	0.26	0.00	0.26
32.55	2.00	0.76	5.00	0.26	0.00	0.26
32.60	2.00	0.76	5.00	0.26	0.00	0.26
32.65	2.00	0.76	5.00	0.26	0.00	0.26
32.70	2.00	0.76	5.00	0.26	0.00	0.26
32.75	2.00	0.76	5.00	0.26	0.00	0.26
32.80	2.00	0.76	5.00	0.26	0.00	0.26
32.85	2.00	0.76	5.00	0.26	0.00	0.26
32.90	2.00	0.76	5.00	0.26	0.00	0.26
32.95	2.00	0.76	5.00	0.26	0.00	0.26
33.00	2.00	0.76	5.00	0.26	0.00	0.26

33.05	2.00	0.76	5.00	0.26	0.00	0.26
33.10	2.00	0.76	5.00	0.26	0.00	0.26
33.15	2.00	0.76	5.00	0.26	0.00	0.26
33.20	2.00	0.75	5.00	0.26	0.00	0.26
33.25	2.00	0.75	5.00	0.26	0.00	0.26
33.30	2.00	0.75	5.00	0.26	0.00	0.26
33.35	2.00	0.75	5.00	0.26	0.00	0.26
33.40	2.00	0.75	5.00	0.26	0.00	0.26
33.45	2.00	0.75	5.00	0.26	0.00	0.26
33.50	2.00	0.75	5.00	0.26	0.00	0.26
33.55	2.00	0.75	5.00	0.26	0.00	0.26
33.60	2.00	0.75	5.00	0.26	0.00	0.26
33.65	0.51	0.75	0.67*	0.26	0.00	0.26
33.70	0.51	0.75	0.67*	0.26	0.00	0.26
33.75	0.50	0.75	0.67*	0.26	0.00	0.26
33.80	0.51	0.75	0.67*	0.26	0.00	0.26
33.85	0.52	0.75	0.69*	0.26	0.00	0.26
33.90	0.53	0.75	0.71*	0.26	0.00	0.26
33.95	0.55	0.75	0.73*	0.26	0.00	0.26
34.00	0.56	0.75	0.75*	0.26	0.00	0.26
34.05	0.58	0.75	0.77*	0.26	0.00	0.26
34.10	0.59	0.75	0.78*	0.26	0.00	0.26
34.15	2.00	0.75	5.00	0.26	0.00	0.26
34.20	2.00	0.75	5.00	0.26	0.00	0.26
34.25	2.00	0.75	5.00	0.26	0.00	0.26
34.30	2.00	0.75	5.00	0.26	0.00	0.26
34.35	2.00	0.75	5.00	0.26	0.00	0.26
34.40	2.00	0.75	5.00	0.26	0.00	0.26
34.45	2.00	0.75	5.00	0.26	0.00	0.26
34.50	2.00	0.75	5.00	0.26	0.00	0.26
34.55	2.00	0.75	5.00	0.26	0.00	0.26
34.60	2.00	0.75	5.00	0.26	0.00	0.26
34.65	2.00	0.75	5.00	0.26	0.00	0.26
34.70	2.00	0.75	5.00	0.26	0.00	0.26
34.75	2.00	0.75	5.00	0.26	0.00	0.26
34.80	2.00	0.75	5.00	0.26	0.00	0.26
34.85	2.00	0.75	5.00	0.26	0.00	0.26
34.90	2.00	0.75	5.00	0.26	0.00	0.26
34.95	2.00	0.75	5.00	0.26	0.00	0.26
35.00	2.00	0.75	5.00	0.26	0.00	0.26
35.05	2.00	0.75	5.00	0.26	0.00	0.26
35.10	2.00	0.75	5.00	0.26	0.00	0.26
35.15	2.00	0.75	5.00	0.26	0.00	0.26
35.20	2.00	0.75	5.00	0.26	0.00	0.26
35.25	2.00	0.75	5.00	0.26	0.00	0.26
35.30	2.00	0.75	5.00	0.26	0.00	0.26
35.35	2.00	0.75	5.00	0.26	0.00	0.26
35.40	2.00	0.75	5.00	0.26	0.00	0.26
35.45	2.00	0.75	5.00	0.26	0.00	0.26
35.50	2.00	0.75	5.00	0.26	0.00	0.26
35.55	2.00	0.75	5.00	0.26	0.00	0.26
35.60	2.00	0.75	5.00	0.26	0.00	0.26
35.65	2.00	0.75	5.00	0.26	0.00	0.26
35.70	2.00	0.75	5.00	0.26	0.00	0.26
35.75	2.00	0.74	5.00	0.26	0.00	0.26
35.80	2.00	0.74	5.00	0.26	0.00	0.26
35.85	2.00	0.74	5.00	0.26	0.00	0.26
35.90	2.00	0.74	5.00	0.26	0.00	0.26
35.95	2.00	0.74	5.00	0.26	0.00	0.26
36.00	2.00	0.74	5.00	0.26	0.00	0.26
36.05	2.00	0.74	5.00	0.26	0.00	0.26
36.10	2.00	0.74	5.00	0.26	0.00	0.26
36.15	2.00	0.74	5.00	0.26	0.00	0.26

36.20	2.00	0.74	5.00	0.26	0.00	0.26
36.25	2.00	0.74	5.00	0.26	0.00	0.26
36.30	2.00	0.74	5.00	0.26	0.00	0.26
36.35	2.00	0.74	5.00	0.26	0.00	0.26
36.40	2.00	0.74	5.00	0.26	0.00	0.26
36.45	2.00	0.74	5.00	0.26	0.00	0.26
36.50	2.00	0.74	5.00	0.26	0.00	0.26
36.55	2.00	0.74	5.00	0.26	0.00	0.26
36.60	0.55	0.74	0.74*	0.26	0.00	0.26
36.65	0.54	0.74	0.73*	0.26	0.00	0.26
36.70	0.54	0.74	0.72*	0.26	0.00	0.26
36.75	0.53	0.74	0.72*	0.26	0.00	0.26
36.80	0.53	0.74	0.72*	0.26	0.00	0.26
36.85	0.53	0.74	0.71*	0.26	0.00	0.26
36.90	0.53	0.74	0.71*	0.26	0.00	0.26
36.95	0.53	0.74	0.71*	0.26	0.00	0.26
37.00	0.53	0.74	0.71*	0.26	0.00	0.26
37.05	0.53	0.74	0.71*	0.26	0.00	0.26
37.10	0.52	0.74	0.70*	0.26	0.00	0.26
37.15	0.51	0.74	0.69*	0.26	0.00	0.26
37.20	0.50	0.74	0.68*	0.26	0.00	0.26
37.25	0.50	0.74	0.67*	0.26	0.00	0.26
37.30	0.49	0.74	0.67*	0.26	0.00	0.26
37.35	0.49	0.74	0.66*	0.26	0.00	0.26
37.40	0.48	0.74	0.65*	0.26	0.00	0.26
37.45	0.49	0.74	0.66*	0.26	0.00	0.26
37.50	0.50	0.74	0.67*	0.26	0.00	0.26
37.55	0.51	0.74	0.69*	0.26	0.00	0.26
37.60	0.51	0.74	0.70*	0.26	0.00	0.26
37.65	0.52	0.74	0.71*	0.26	0.00	0.26
37.70	0.53	0.74	0.72*	0.26	0.00	0.26
37.75	0.54	0.74	0.73*	0.26	0.00	0.26
37.80	0.55	0.74	0.74*	0.26	0.00	0.26
37.85	0.56	0.74	0.76*	0.26	0.00	0.26
37.90	0.57	0.74	0.77*	0.26	0.00	0.26
37.95	0.58	0.74	0.79*	0.26	0.00	0.26
38.00	0.60	0.74	0.81*	0.26	0.00	0.26
38.05	0.61	0.73	0.83*	0.26	0.00	0.26
38.10	0.61	0.73	0.83*	0.26	0.00	0.26
38.15	0.60	0.73	0.82*	0.26	0.00	0.26
38.20	0.60	0.73	0.82*	0.26	0.00	0.26
38.25	0.59	0.73	0.81*	0.26	0.00	0.26
38.30	0.59	0.73	0.80*	0.26	0.00	0.26
38.35	0.59	0.73	0.80*	0.26	0.00	0.26
38.40	0.56	0.73	0.76*	0.26	0.00	0.26
38.45	0.50	0.73	0.69*	0.26	0.00	0.26
38.50	0.48	0.73	0.66*	0.26	0.00	0.26
38.55	0.48	0.73	0.65*	0.26	0.00	0.26
38.60	0.49	0.73	0.66*	0.26	0.00	0.26
38.65	0.50	0.73	0.68*	0.26	0.00	0.26
38.70	0.52	0.73	0.71*	0.26	0.00	0.26
38.75	0.57	0.73	0.78*	0.26	0.00	0.26
38.80	0.64	0.73	0.88*	0.26	0.00	0.26
38.85	0.72	0.73	0.99*	0.26	0.00	0.26
38.90	0.81	0.73	1.11	0.26	0.00	0.26
38.95	0.90	0.73	1.24	0.26	0.00	0.26
39.00	1.01	0.73	1.38	0.26	0.00	0.26
39.05	1.11	0.73	1.52	0.26	0.00	0.26
39.10	1.18	0.73	1.62	0.26	0.00	0.26
39.15	1.25	0.73	1.71	0.26	0.00	0.26
39.20	1.32	0.73	1.82	0.26	0.00	0.26
39.25	1.40	0.73	1.92	0.26	0.00	0.26
39.30	1.48	0.73	2.03	0.26	0.00	0.26

39.35	1.56	0.73	2.14	0.26	0.00	0.26
39.40	1.62	0.73	2.22	0.26	0.00	0.26
39.45	1.66	0.73	2.27	0.26	0.00	0.26
39.50	1.70	0.73	2.33	0.26	0.00	0.26
39.55	1.74	0.73	2.39	0.26	0.00	0.26
39.60	1.78	0.73	2.45	0.26	0.00	0.26
39.65	1.83	0.73	2.52	0.26	0.00	0.26
39.70	1.87	0.73	2.58	0.26	0.00	0.26
39.75	1.88	0.73	2.58	0.26	0.00	0.26
39.80	1.88	0.73	2.59	0.26	0.00	0.26
39.85	1.89	0.73	2.60	0.26	0.00	0.26
39.90	1.90	0.73	2.61	0.26	0.00	0.26
39.95	1.90	0.73	2.62	0.26	0.00	0.26
40.00	1.91	0.73	2.64	0.26	0.00	0.26
40.05	1.91	0.73	2.63	0.26	0.00	0.26
40.10	1.89	0.73	2.60	0.26	0.00	0.26
40.15	1.87	0.72	2.58	0.26	0.00	0.26
40.20	1.85	0.72	2.55	0.26	0.00	0.26
40.25	1.83	0.72	2.52	0.26	0.00	0.26
40.30	1.81	0.72	2.49	0.26	0.00	0.26
40.35	1.79	0.72	2.47	0.26	0.00	0.26
40.40	1.69	0.72	2.33	0.26	0.00	0.26
40.45	1.58	0.72	2.19	0.26	0.00	0.26
40.50	1.49	0.72	2.06	0.26	0.00	0.26
40.55	1.40	0.72	1.93	0.26	0.00	0.26
40.60	1.31	0.72	1.81	0.26	0.00	0.26
40.65	1.22	0.72	1.69	0.26	0.00	0.26
40.70	1.20	0.72	1.66	0.26	0.00	0.26
40.75	1.29	0.72	1.79	0.26	0.00	0.26
40.80	1.39	0.72	1.92	0.26	0.00	0.26
40.85	1.49	0.72	2.06	0.26	0.00	0.26
40.90	1.59	0.72	2.20	0.26	0.00	0.26
40.95	1.70	0.72	2.35	0.26	0.00	0.26
41.00	1.81	0.72	2.51	0.26	0.00	0.26
41.05	1.88	0.72	2.61	0.26	0.00	0.26
41.10	1.94	0.72	2.69	0.26	0.00	0.26
41.15	2.00	0.72	2.78	0.26	0.00	0.26
41.20	2.07	0.72	2.87	0.26	0.00	0.26
41.25	2.13	0.72	2.96	0.26	0.00	0.26
41.30	2.20	0.72	3.06	0.26	0.00	0.26
41.35	2.25	0.72	3.13	0.26	0.00	0.26
41.40	2.25	0.72	3.13	0.26	0.00	0.26
41.45	2.24	0.72	3.12	0.26	0.00	0.26
41.50	2.24	0.72	3.12	0.26	0.00	0.26
41.55	2.23	0.72	3.11	0.26	0.00	0.26
41.60	2.23	0.72	3.11	0.26	0.00	0.26
41.65	2.22	0.72	3.10	0.26	0.00	0.26
41.70	2.14	0.72	2.98	0.26	0.00	0.26
41.75	2.01	0.72	2.80	0.26	0.00	0.26
41.80	1.88	0.72	2.62	0.26	0.00	0.26
41.85	1.76	0.72	2.46	0.26	0.00	0.26
41.90	1.65	0.72	2.30	0.26	0.00	0.26
41.95	1.54	0.72	2.15	0.26	0.00	0.26
42.00	1.43	0.72	2.00	0.26	0.00	0.26
42.05	1.35	0.72	1.89	0.26	0.00	0.26
42.10	1.28	0.72	1.79	0.26	0.00	0.26
42.15	1.20	0.72	1.68	0.26	0.00	0.26
42.20	1.13	0.71	1.59	0.26	0.00	0.26
42.25	1.07	0.71	1.49	0.26	0.00	0.26
42.30	1.00	0.71	1.40	0.26	0.00	0.26
42.35	0.96	0.71	1.35	0.26	0.00	0.26
42.40	0.94	0.71	1.32	0.26	0.00	0.26
42.45	0.92	0.71	1.29	0.26	0.00	0.26

42.50	0.90	0.71	1.26	0.26	0.00	0.26
42.55	0.88	0.71	1.24	0.26	0.00	0.26
42.60	0.86	0.71	1.21	0.26	0.00	0.26
42.65	0.84	0.71	1.19	0.26	0.00	0.26
42.70	0.80	0.71	1.12	0.26	0.00	0.26
42.75	0.75	0.71	1.05	0.26	0.00	0.26
42.80	0.70	0.71	0.98*	0.26	0.00	0.26
42.85	0.65	0.71	0.92*	0.26	0.00	0.26
42.90	0.61	0.71	0.86*	0.25	0.00	0.25
42.95	0.57	0.71	0.80*	0.25	0.00	0.25
43.00	0.53	0.71	0.75*	0.25	0.00	0.25
43.05	0.50	0.71	0.71*	0.24	0.00	0.24
43.10	0.47	0.71	0.67*	0.24	0.00	0.24
43.15	0.44	0.71	0.63*	0.23	0.00	0.23
43.20	0.42	0.71	0.59*	0.23	0.00	0.23
43.25	0.39	0.71	0.55*	0.22	0.00	0.22
43.30	0.37	0.71	0.52*	0.21	0.00	0.21
43.35	0.33	0.71	0.47*	0.21	0.00	0.21
43.40	0.30	0.71	0.42*	0.20	0.00	0.20
43.45	0.27	0.71	0.38*	0.19	0.00	0.19
43.50	0.25	0.71	0.36*	0.18	0.00	0.18
43.55	0.25	0.71	0.36*	0.18	0.00	0.18
43.60	0.30	0.71	0.42*	0.17	0.00	0.17
43.65	2.00	0.71	5.00	0.17	0.00	0.17
43.70	2.00	0.71	5.00	0.17	0.00	0.17
43.75	2.00	0.71	5.00	0.17	0.00	0.17
43.80	2.00	0.71	5.00	0.17	0.00	0.17
43.85	2.00	0.71	5.00	0.17	0.00	0.17
43.90	2.00	0.71	5.00	0.17	0.00	0.17
43.95	2.00	0.71	5.00	0.17	0.00	0.17
44.00	2.00	0.71	5.00	0.17	0.00	0.17
44.05	2.00	0.71	5.00	0.17	0.00	0.17
44.10	2.00	0.70	5.00	0.17	0.00	0.17
44.15	2.00	0.70	5.00	0.17	0.00	0.17
44.20	2.00	0.70	5.00	0.17	0.00	0.17
44.25	2.00	0.70	5.00	0.17	0.00	0.17
44.30	2.00	0.70	5.00	0.17	0.00	0.17
44.35	2.00	0.70	5.00	0.17	0.00	0.17
44.40	2.00	0.70	5.00	0.17	0.00	0.17
44.45	2.00	0.70	5.00	0.17	0.00	0.17
44.50	2.00	0.70	5.00	0.17	0.00	0.17
44.55	2.00	0.70	5.00	0.17	0.00	0.17
44.60	2.00	0.70	5.00	0.17	0.00	0.17
44.65	2.00	0.70	5.00	0.17	0.00	0.17
44.70	2.00	0.70	5.00	0.17	0.00	0.17
44.75	2.00	0.70	5.00	0.17	0.00	0.17
44.80	2.00	0.70	5.00	0.17	0.00	0.17
44.85	2.00	0.70	5.00	0.17	0.00	0.17
44.90	2.00	0.70	5.00	0.17	0.00	0.17
44.95	2.00	0.70	5.00	0.17	0.00	0.17
45.00	2.00	0.70	5.00	0.17	0.00	0.17
45.05	2.00	0.70	5.00	0.17	0.00	0.17
45.10	2.00	0.70	5.00	0.17	0.00	0.17
45.15	2.00	0.70	5.00	0.17	0.00	0.17
45.20	2.00	0.70	5.00	0.17	0.00	0.17
45.25	2.00	0.70	5.00	0.17	0.00	0.17
45.30	2.00	0.70	5.00	0.17	0.00	0.17
45.35	2.00	0.70	5.00	0.17	0.00	0.17
45.40	2.00	0.70	5.00	0.17	0.00	0.17
45.45	2.00	0.70	5.00	0.17	0.00	0.17
45.50	2.00	0.70	5.00	0.17	0.00	0.17
45.55	2.00	0.70	5.00	0.17	0.00	0.17
45.60	2.00	0.70	5.00	0.17	0.00	0.17

45.65	2.00	0.70	5.00	0.17	0.00	0.17
45.70	2.00	0.70	5.00	0.17	0.00	0.17
45.75	2.00	0.70	5.00	0.17	0.00	0.17
45.80	2.00	0.70	5.00	0.17	0.00	0.17
45.85	2.00	0.70	5.00	0.17	0.00	0.17
45.90	2.00	0.70	5.00	0.17	0.00	0.17
45.95	2.00	0.69	5.00	0.17	0.00	0.17
46.00	2.00	0.69	5.00	0.17	0.00	0.17
46.05	2.00	0.69	5.00	0.17	0.00	0.17
46.10	2.00	0.69	5.00	0.17	0.00	0.17
46.15	2.00	0.69	5.00	0.17	0.00	0.17
46.20	2.00	0.69	5.00	0.17	0.00	0.17
46.25	2.00	0.69	5.00	0.17	0.00	0.17
46.30	2.00	0.69	5.00	0.17	0.00	0.17
46.35	2.00	0.69	5.00	0.17	0.00	0.17
46.40	2.00	0.69	5.00	0.17	0.00	0.17
46.45	2.00	0.69	5.00	0.17	0.00	0.17
46.50	2.00	0.69	5.00	0.17	0.00	0.17
46.55	2.00	0.69	5.00	0.17	0.00	0.17
46.60	2.00	0.69	5.00	0.17	0.00	0.17
46.65	2.00	0.69	5.00	0.17	0.00	0.17
46.70	2.00	0.69	5.00	0.17	0.00	0.17
46.75	2.00	0.69	5.00	0.17	0.00	0.17
46.80	2.00	0.69	5.00	0.17	0.00	0.17
46.85	2.00	0.69	5.00	0.17	0.00	0.17
46.90	2.00	0.69	5.00	0.17	0.00	0.17
46.95	2.00	0.69	5.00	0.17	0.00	0.17
47.00	2.00	0.69	5.00	0.17	0.00	0.17
47.05	0.41	0.69	0.59*	0.17	0.00	0.17
47.10	0.38	0.69	0.55*	0.17	0.00	0.17
47.15	0.35	0.69	0.51*	0.16	0.00	0.16
47.20	0.33	0.69	0.48*	0.16	0.00	0.16
47.25	0.31	0.69	0.45*	0.16	0.00	0.16
47.30	0.31	0.69	0.45*	0.16	0.00	0.16
47.35	0.31	0.69	0.45*	0.15	0.00	0.15
47.40	0.31	0.69	0.45*	0.15	0.00	0.15
47.45	0.31	0.69	0.46*	0.14	0.00	0.14
47.50	0.32	0.69	0.46*	0.14	0.00	0.14
47.55	0.32	0.69	0.47*	0.13	0.00	0.13
47.60	0.33	0.69	0.48*	0.13	0.00	0.13
47.65	0.34	0.69	0.49*	0.13	0.00	0.13
47.70	0.34	0.69	0.50*	0.12	0.00	0.12
47.75	0.35	0.68	0.51*	0.12	0.00	0.12
47.80	0.36	0.68	0.52*	0.11	0.00	0.11
47.85	0.36	0.68	0.53*	0.11	0.00	0.11
47.90	0.37	0.68	0.54*	0.11	0.00	0.11
47.95	0.38	0.68	0.55*	0.10	0.00	0.10
48.00	0.38	0.68	0.55*	0.10	0.00	0.10
48.05	0.38	0.68	0.56*	0.09	0.00	0.09
48.10	0.39	0.68	0.57*	0.09	0.00	0.09
48.15	0.39	0.68	0.58*	0.09	0.00	0.09
48.20	0.40	0.68	0.58*	0.08	0.00	0.08
48.25	0.40	0.68	0.59*	0.08	0.00	0.08
48.30	0.41	0.68	0.60*	0.08	0.00	0.08
48.35	0.41	0.68	0.60*	0.07	0.00	0.07
48.40	0.42	0.68	0.61*	0.07	0.00	0.07
48.45	0.42	0.68	0.62*	0.07	0.00	0.07
48.50	0.42	0.68	0.62*	0.07	0.00	0.07
48.55	0.43	0.68	0.63*	0.06	0.00	0.06
48.60	0.43	0.68	0.63*	0.06	0.00	0.06
48.65	0.43	0.68	0.63*	0.06	0.00	0.06
48.70	0.42	0.68	0.62*	0.05	0.00	0.05
48.75	0.42	0.68	0.62*	0.05	0.00	0.05

48.80	0.42	0.68	0.61*	0.05	0.00	0.05
48.85	0.41	0.68	0.61*	0.04	0.00	0.04
48.90	0.41	0.68	0.60*	0.04	0.00	0.04
48.95	0.40	0.68	0.59*	0.03	0.00	0.03
49.00	0.39	0.68	0.57*	0.03	0.00	0.03
49.05	0.38	0.68	0.56*	0.03	0.00	0.03
49.10	0.37	0.68	0.55*	0.02	0.00	0.02
49.15	0.37	0.68	0.54*	0.02	0.00	0.02
49.20	0.36	0.68	0.54*	0.02	0.00	0.02
49.25	0.37	0.68	0.54*	0.01	0.00	0.01
49.30	0.37	0.68	0.55*	0.01	0.00	0.01
49.35	0.38	0.68	0.57*	0.01	0.00	0.01
49.40	0.39	0.68	0.58*	0.00	0.00	0.00
49.45	0.41	0.68	0.61*	0.00	0.00	0.00
49.50	0.43	0.67	0.63*	0.00	0.00	0.00
49.55	0.45	0.67	0.66*	0.00	0.00	0.00
49.60	0.46	0.67	0.69*	0.00	0.00	0.00
49.65	0.48	0.67	0.71*	0.00	0.00	0.00
49.70	0.50	0.67	0.74*	0.00	0.00	0.00
49.75	2.00	0.67	5.00	0.00	0.00	0.00
49.80	2.00	0.67	5.00	0.00	0.00	0.00
49.85	2.00	0.67	5.00	0.00	0.00	0.00
49.90	2.00	0.67	5.00	0.00	0.00	0.00
49.95	2.00	0.67	5.00	0.00	0.00	0.00
50.00	2.00	0.67	5.00	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

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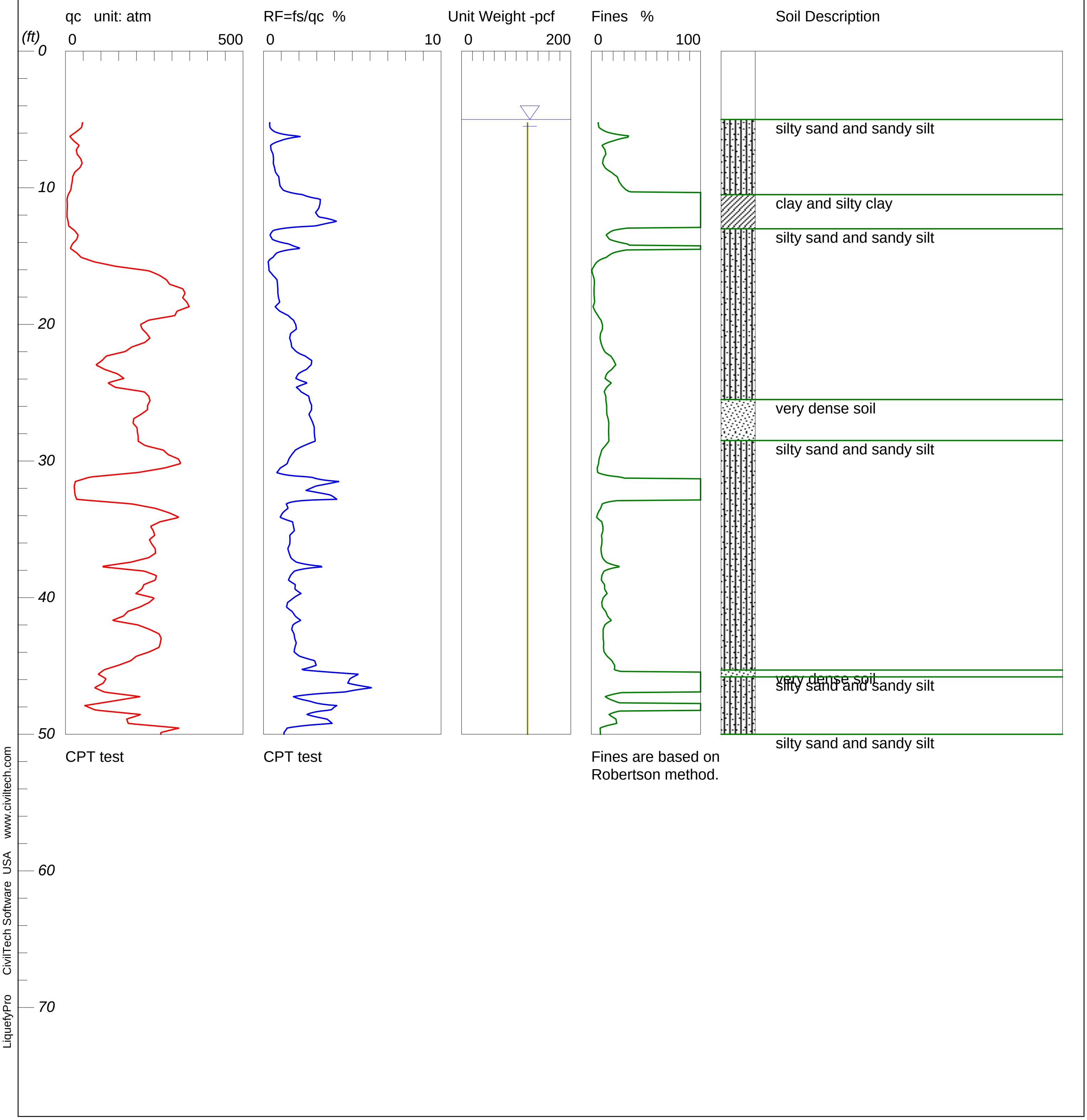
1 atm (atmosphere) = 1 tsf (ton/ft2)

CRRm	Cyclic resistance ratio from soils
CSRsf	Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S.	Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat	Settlement from saturated sands
S_dry	Settlement from Unsaturated Sands
S_all	Total Settlement from Saturated and Unsaturated Sands
NoLiq	No-Liquefy Soils

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=CPT-3 Water Depth=5 ft Surface Elev.=244 Magnitude=6.81 Acceleration=0.656g



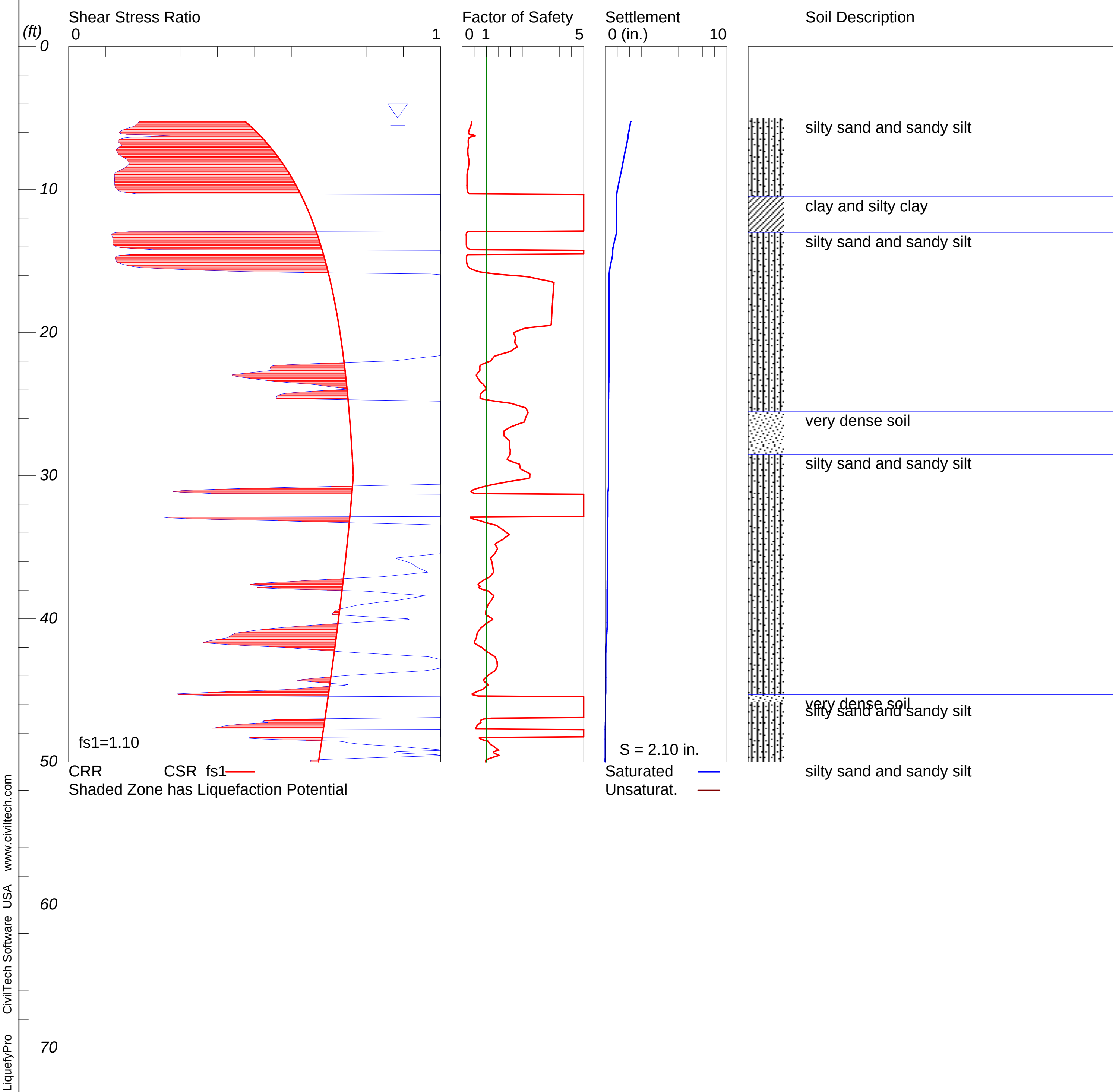
CivilTech Corporation **20G-0418-0**

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=CPT-3 Water Depth=5 ft Surface Elev.=244

Magnitude=6.81
Acceleration=0.656g



CivilTech Corporation **20G-0418-0**

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LIQUEFACTION ANALYSIS SUMMARY

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Input File Name: G:_Projects\2020\20G-0418\Liqefaction Analysis\20G-0418 CPT3.liq
Title: Solemo 13 Acres
Subtitle: 20G-0418-0

Surface Elev.=244
Hole No.=CPT-3
Depth of Hole= 50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration= 0.66 g
Earthquake Magnitude= 6.81

Input Data:
Surface Elev.=244
Hole No.=CPT-3
Depth of Hole=50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration=0.66 g
Earthquake Magnitude=6.81
No-Liquefiable Soils: Based on Analysis

1. CPT Calculation Method: Modify Robertson*
2. Settlement Analysis Method: Tokimatsu, M-correction
3. Fines Correction for Liquefaction: Stark/Olson et al.*
4. Fine Correction for Settlement: During Liquefaction*
5. Settlement Calculation in: All zones*
9. User request factor of safety (apply to CSR) ,   User= 1.1
   Plot one CSR curve (fs1=User)
10. Use Curve Smoothing: Yes*
* Recommended Options

In-Situ Test Data:

Depth ft	qc atm	fs atm	Rf pcf	gamma %	Fines mm	D50
5.25	47.92	0.17	0.34	120.90	0.00	0.50
5.58	45.63	0.16	0.36	120.90	0.00	0.50
5.91	30.47	0.19	0.64	120.90	0.00	0.50
6.23	12.21	0.26	2.17	120.90	0.00	0.50
6.56	23.21	0.22	0.94	120.90	0.00	0.50
6.89	38.46	0.15	0.40	120.90	0.00	0.50
7.22	30.65	0.13	0.42	120.90	0.00	0.50
7.55	32.90	0.18	0.54	120.90	0.00	0.50
7.87	43.12	0.24	0.56	120.90	0.00	0.50
8.20	47.11	0.26	0.55	120.90	0.00	0.50
8.53	40.69	0.25	0.62	120.90	0.00	0.50
8.86	26.13	0.18	0.68	120.90	0.00	0.50
9.19	20.43	0.18	0.86	120.90	0.00	0.50

9.51	19.22	0.17	0.89	120.90	0.00	0.50
9.84	16.81	0.16	0.93	120.90	0.00	0.50
10.17	14.87	0.17	1.11	120.90	0.00	0.50
10.50	7.76	0.17	2.19	120.90	0.00	0.50
10.83	4.40	0.14	3.21	120.90	0.00	0.50
11.15	5.18	0.17	3.19	120.90	0.00	0.50
11.48	5.06	0.16	3.12	120.90	0.00	0.50
11.81	4.54	0.13	2.93	120.90	0.00	0.50
12.14	4.46	0.14	3.12	120.90	0.00	0.50
12.47	7.52	0.31	4.13	120.90	0.00	0.50
12.80	9.32	0.28	2.95	120.90	0.00	0.50
13.12	25.32	0.14	0.55	120.90	0.00	0.50
13.45	35.71	0.13	0.37	120.90	0.00	0.50
13.78	31.63	0.16	0.50	120.90	0.00	0.50
14.11	19.50	0.28	1.42	120.90	0.00	0.50
14.44	13.92	0.30	2.13	120.90	0.00	0.50
14.76	31.63	0.24	0.76	120.90	0.00	0.50
15.09	44.13	0.24	0.53	120.90	0.00	0.50
15.42	81.08	0.21	0.26	120.90	0.00	0.50
15.75	141.56	0.42	0.29	120.90	0.00	0.50
16.08	235.44	0.74	0.31	120.90	0.00	0.50
16.40	264.58	1.40	0.53	120.90	0.00	0.50
16.73	284.31	2.17	0.76	120.90	0.00	0.50
17.06	293.43	2.31	0.79	120.90	0.00	0.50
17.39	330.12	2.66	0.80	120.90	0.00	0.50
17.72	337.04	2.73	0.81	120.90	0.00	0.50
18.05	330.01	2.79	0.85	120.90	0.00	0.50
18.37	342.22	3.12	0.91	120.90	0.00	0.50
18.70	348.27	2.30	0.66	120.90	0.00	0.50
19.03	314.09	2.86	0.91	120.90	0.00	0.50
19.36	307.98	4.31	1.40	120.90	0.00	0.50
19.68	234.40	3.96	1.69	120.90	0.00	0.50
20.01	211.36	3.84	1.82	120.90	0.00	0.50
20.34	216.22	4.01	1.85	120.90	0.00	0.50
20.67	228.93	3.49	1.53	120.90	0.00	0.50
21.00	237.90	3.51	1.48	120.90	0.00	0.50
21.33	223.08	3.47	1.55	120.90	0.00	0.50
21.65	186.65	2.97	1.59	120.90	0.00	0.50
21.98	168.82	3.11	1.84	120.90	0.00	0.50
22.31	115.20	2.70	2.35	120.90	0.00	0.50
22.64	103.19	2.81	2.72	120.90	0.00	0.50
22.97	85.97	2.31	2.69	120.90	0.00	0.50
23.29	110.63	2.69	2.43	120.90	0.00	0.50
23.62	147.03	2.87	1.95	120.90	0.00	0.50
23.95	164.37	3.00	1.82	120.90	0.00	0.50
24.28	119.34	2.97	2.49	120.90	0.00	0.50
24.61	140.67	2.59	1.84	120.90	0.00	0.50
24.93	222.30	4.69	2.11	120.90	0.00	0.50
25.26	234.68	5.99	2.55	120.90	0.00	0.50
25.59	238.16	6.19	2.60	120.90	0.00	0.50
25.92	231.36	6.27	2.71	120.90	0.00	0.50
26.25	230.89	6.24	2.70	120.90	0.00	0.50
26.58	213.15	5.45	2.56	120.90	0.00	0.50
26.90	192.26	5.15	2.68	120.90	0.00	0.50
27.23	190.41	5.31	2.79	120.90	0.00	0.50
27.56	201.61	5.77	2.86	120.90	0.00	0.50
27.89	202.62	5.79	2.86	120.90	0.00	0.50
28.22	204.88	5.91	2.88	120.90	0.00	0.50
28.54	204.62	5.97	2.92	120.90	0.00	0.50
28.87	224.64	5.14	2.29	120.90	0.00	0.50
29.20	275.63	4.96	1.80	120.90	0.00	0.50
29.53	289.12	4.61	1.59	120.90	0.00	0.50
29.86	318.55	4.55	1.43	120.90	0.00	0.50

30.18	324.65	4.34	1.34	120.90	0.00	0.50
30.51	278.76	2.61	0.94	120.90	0.00	0.50
30.84	204.53	1.51	0.74	120.90	0.00	0.50
31.17	69.65	1.87	2.68	120.90	0.00	0.50
31.50	28.07	1.19	4.25	120.90	0.00	0.50
31.82	24.74	0.73	2.96	120.90	0.00	0.50
32.15	25.78	0.62	2.40	120.90	0.00	0.50
32.48	26.88	1.01	3.76	120.90	0.00	0.50
32.81	31.86	1.32	4.14	120.90	0.00	0.50
33.14	186.50	2.38	1.28	120.90	0.00	0.50
33.47	253.84	3.50	1.38	120.90	0.00	0.50
33.79	292.33	3.15	1.08	120.90	0.00	0.50
34.12	320.14	2.99	0.93	120.90	0.00	0.50
34.45	266.31	4.36	1.64	120.90	0.00	0.50
34.78	239.84	4.05	1.69	120.90	0.00	0.50
35.10	247.24	4.30	1.74	120.90	0.00	0.50
35.43	251.27	3.72	1.48	120.90	0.00	0.50
35.76	236.33	3.53	1.49	120.90	0.00	0.50
36.09	243.63	3.60	1.48	120.90	0.00	0.50
36.42	252.68	3.46	1.37	120.90	0.00	0.50
36.74	253.76	3.67	1.45	120.90	0.00	0.50
37.07	234.43	3.61	1.54	120.90	0.00	0.50
37.40	184.22	3.41	1.85	120.90	0.00	0.50
37.73	98.56	3.45	3.50	120.90	0.00	0.50
38.06	222.76	3.87	1.74	120.90	0.00	0.50
38.39	256.33	3.89	1.52	120.90	0.00	0.50
38.71	253.06	3.55	1.40	120.90	0.00	0.50
39.04	221.11	3.96	1.79	120.90	0.00	0.50
39.37	214.95	3.80	1.77	120.90	0.00	0.50
39.70	198.22	4.19	2.12	120.90	0.00	0.50
40.03	250.60	4.23	1.69	120.90	0.00	0.50
40.35	235.55	3.20	1.36	120.90	0.00	0.50
40.68	209.86	2.72	1.30	120.90	0.00	0.50
41.01	175.51	2.83	1.61	120.90	0.00	0.50
41.34	163.76	2.92	1.78	120.90	0.00	0.50
41.67	131.93	2.79	2.11	120.90	0.00	0.50
41.99	203.69	3.39	1.66	120.90	0.00	0.50
42.32	237.06	3.76	1.59	120.90	0.00	0.50
42.65	263.51	4.52	1.72	120.90	0.00	0.50
42.98	269.61	4.74	1.76	120.90	0.00	0.50
43.31	267.21	4.93	1.85	120.90	0.00	0.50
43.63	263.68	4.66	1.77	120.90	0.00	0.50
43.96	236.80	4.07	1.72	120.90	0.00	0.50
44.29	199.29	4.06	2.04	120.90	0.00	0.50
44.62	183.64	5.31	2.89	120.90	0.00	0.50
44.95	149.49	4.44	2.97	120.90	0.00	0.50
45.28	109.24	2.28	2.08	120.90	0.00	0.50
45.60	92.34	4.97	5.38	120.90	0.00	0.50
45.93	114.30	5.57	4.87	120.90	0.00	0.50
46.26	106.20	5.04	4.74	120.90	0.00	0.50
46.59	82.01	5.04	6.15	120.90	0.00	0.50
46.92	110.37	5.02	4.54	120.90	0.00	0.50
47.24	210.46	3.53	1.67	120.90	0.00	0.50
47.57	133.20	3.48	2.61	120.90	0.00	0.50
47.90	54.46	2.25	4.13	120.90	0.00	0.50
48.23	84.01	3.20	3.82	120.90	0.00	0.50
48.56	213.13	5.19	2.44	120.90	0.00	0.50
48.88	172.35	6.16	3.58	120.90	0.00	0.50
49.21	176.95	6.86	3.88	120.90	0.00	0.50
49.54	320.51	4.27	1.33	120.90	0.00	0.50
49.87	268.48	3.11	1.16	120.90	0.00	0.50

Modify Robertson method generates Fines from qc/fs. Inputted Fines are not

relevant.

Output Results:

Settlement of Saturated Sands=2.10 in.
Settlement of Unsaturated Sands=0.00 in.
Total Settlement of Saturated and Unsaturated Sands=2.10 in.
Differential Settlement=1.050 to 1.387 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
5.25	0.19	0.47	0.40*	2.10	0.00	2.10
5.30	0.19	0.48	0.39*	2.09	0.00	2.09
5.35	0.19	0.48	0.39*	2.08	0.00	2.08
5.40	0.18	0.48	0.38*	2.07	0.00	2.07
5.45	0.18	0.48	0.38*	2.06	0.00	2.06
5.50	0.18	0.49	0.37*	2.05	0.00	2.05
5.55	0.18	0.49	0.36*	2.04	0.00	2.04
5.60	0.17	0.49	0.35*	2.03	0.00	2.03
5.65	0.17	0.49	0.34*	2.02	0.00	2.02
5.70	0.16	0.49	0.32*	2.00	0.00	2.00
5.75	0.15	0.50	0.31*	1.99	0.00	1.99
5.80	0.15	0.50	0.30*	1.98	0.00	1.98
5.85	0.14	0.50	0.29*	1.97	0.00	1.97
5.90	0.14	0.50	0.28*	1.96	0.00	1.96
5.95	0.14	0.50	0.27*	1.95	0.00	1.95
6.00	0.14	0.51	0.27*	1.94	0.00	1.94
6.05	0.14	0.51	0.27*	1.92	0.00	1.92
6.10	0.14	0.51	0.28*	1.91	0.00	1.91
6.15	0.16	0.51	0.30*	1.90	0.00	1.90
6.20	0.24	0.51	0.47*	1.89	0.00	1.89
6.25	0.28	0.52	0.54*	1.89	0.00	1.89
6.30	0.22	0.52	0.43*	1.88	0.00	1.88
6.35	0.17	0.52	0.32*	1.88	0.00	1.88
6.40	0.15	0.52	0.28*	1.87	0.00	1.87
6.45	0.14	0.52	0.27*	1.86	0.00	1.86
6.50	0.14	0.52	0.26*	1.85	0.00	1.85
6.55	0.13	0.53	0.26*	1.84	0.00	1.84
6.60	0.13	0.53	0.25*	1.83	0.00	1.83
6.65	0.13	0.53	0.25*	1.81	0.00	1.81
6.70	0.14	0.53	0.25*	1.80	0.00	1.80
6.75	0.14	0.53	0.26*	1.79	0.00	1.79
6.80	0.14	0.53	0.26*	1.78	0.00	1.78
6.85	0.14	0.54	0.26*	1.77	0.00	1.77
6.90	0.14	0.54	0.27*	1.75	0.00	1.75
6.95	0.14	0.54	0.26*	1.74	0.00	1.74
7.00	0.14	0.54	0.25*	1.73	0.00	1.73
7.05	0.14	0.54	0.25*	1.72	0.00	1.72
7.10	0.13	0.54	0.24*	1.71	0.00	1.71
7.15	0.13	0.55	0.24*	1.69	0.00	1.69
7.20	0.13	0.55	0.23*	1.68	0.00	1.68
7.25	0.13	0.55	0.23*	1.67	0.00	1.67
7.30	0.13	0.55	0.23*	1.65	0.00	1.65
7.35	0.13	0.55	0.24*	1.64	0.00	1.64
7.40	0.13	0.55	0.24*	1.63	0.00	1.63
7.45	0.13	0.56	0.24*	1.62	0.00	1.62
7.50	0.13	0.56	0.24*	1.60	0.00	1.60
7.55	0.13	0.56	0.24*	1.59	0.00	1.59
7.60	0.14	0.56	0.25*	1.58	0.00	1.58
7.65	0.14	0.56	0.25*	1.57	0.00	1.57
7.70	0.14	0.56	0.26*	1.56	0.00	1.56
7.75	0.15	0.56	0.26*	1.54	0.00	1.54
7.80	0.15	0.57	0.27*	1.53	0.00	1.53

7.85	0.15	0.57	0.27*	1.52	0.00	1.52
7.90	0.16	0.57	0.28*	1.51	0.00	1.51
7.95	0.16	0.57	0.28*	1.50	0.00	1.50
8.00	0.16	0.57	0.28*	1.49	0.00	1.49
8.05	0.16	0.57	0.28*	1.48	0.00	1.48
8.10	0.16	0.57	0.28*	1.47	0.00	1.47
8.15	0.16	0.57	0.28*	1.45	0.00	1.45
8.20	0.16	0.58	0.28*	1.44	0.00	1.44
8.25	0.16	0.58	0.28*	1.43	0.00	1.43
8.30	0.16	0.58	0.27*	1.42	0.00	1.42
8.35	0.16	0.58	0.27*	1.41	0.00	1.41
8.40	0.15	0.58	0.27*	1.40	0.00	1.40
8.45	0.15	0.58	0.26*	1.39	0.00	1.39
8.50	0.15	0.58	0.26*	1.38	0.00	1.38
8.55	0.15	0.59	0.25*	1.37	0.00	1.37
8.60	0.14	0.59	0.24*	1.36	0.00	1.36
8.65	0.14	0.59	0.23*	1.34	0.00	1.34
8.70	0.13	0.59	0.23*	1.33	0.00	1.33
8.75	0.13	0.59	0.22*	1.32	0.00	1.32
8.80	0.13	0.59	0.22*	1.31	0.00	1.31
8.85	0.12	0.59	0.21*	1.30	0.00	1.30
8.90	0.12	0.59	0.21*	1.28	0.00	1.28
8.95	0.12	0.59	0.21*	1.27	0.00	1.27
9.00	0.12	0.60	0.21*	1.26	0.00	1.26
9.05	0.12	0.60	0.21*	1.24	0.00	1.24
9.10	0.12	0.60	0.21*	1.23	0.00	1.23
9.15	0.12	0.60	0.21*	1.22	0.00	1.22
9.20	0.12	0.60	0.21*	1.21	0.00	1.21
9.25	0.12	0.60	0.21*	1.19	0.00	1.19
9.30	0.12	0.60	0.21*	1.18	0.00	1.18
9.35	0.12	0.60	0.20*	1.17	0.00	1.17
9.40	0.12	0.60	0.20*	1.16	0.00	1.16
9.45	0.12	0.61	0.20*	1.15	0.00	1.15
9.50	0.12	0.61	0.20*	1.13	0.00	1.13
9.55	0.12	0.61	0.20*	1.12	0.00	1.12
9.60	0.12	0.61	0.20*	1.11	0.00	1.11
9.65	0.12	0.61	0.20*	1.10	0.00	1.10
9.70	0.12	0.61	0.20*	1.09	0.00	1.09
9.75	0.12	0.61	0.20*	1.07	0.00	1.07
9.80	0.12	0.61	0.20*	1.06	0.00	1.06
9.85	0.13	0.61	0.20*	1.05	0.00	1.05
9.90	0.13	0.62	0.21*	1.04	0.00	1.04
9.95	0.13	0.62	0.21*	1.03	0.00	1.03
10.00	0.13	0.62	0.21*	1.02	0.00	1.02
10.05	0.13	0.62	0.22*	1.00	0.00	1.00
10.10	0.14	0.62	0.22*	0.99	0.00	0.99
10.15	0.14	0.62	0.23*	0.98	0.00	0.98
10.20	0.15	0.62	0.25*	0.97	0.00	0.97
10.25	0.17	0.62	0.27*	0.96	0.00	0.96
10.30	0.18	0.62	0.29*	0.96	0.00	0.96
10.35	2.00	0.62	5.00	0.95	0.00	0.95
10.40	2.00	0.63	5.00	0.95	0.00	0.95
10.45	2.00	0.63	5.00	0.95	0.00	0.95
10.50	2.00	0.63	5.00	0.95	0.00	0.95
10.55	2.00	0.63	5.00	0.95	0.00	0.95
10.60	2.00	0.63	5.00	0.95	0.00	0.95
10.65	2.00	0.63	5.00	0.95	0.00	0.95
10.70	2.00	0.63	5.00	0.95	0.00	0.95
10.75	2.00	0.63	5.00	0.95	0.00	0.95
10.80	2.00	0.63	5.00	0.95	0.00	0.95
10.85	2.00	0.63	5.00	0.95	0.00	0.95
10.90	2.00	0.63	5.00	0.95	0.00	0.95
10.95	2.00	0.64	5.00	0.95	0.00	0.95

11.00	2.00	0.64	5.00	0.95	0.00	0.95
11.05	2.00	0.64	5.00	0.95	0.00	0.95
11.10	2.00	0.64	5.00	0.95	0.00	0.95
11.15	2.00	0.64	5.00	0.95	0.00	0.95
11.20	2.00	0.64	5.00	0.95	0.00	0.95
11.25	2.00	0.64	5.00	0.95	0.00	0.95
11.30	2.00	0.64	5.00	0.95	0.00	0.95
11.35	2.00	0.64	5.00	0.95	0.00	0.95
11.40	2.00	0.64	5.00	0.95	0.00	0.95
11.45	2.00	0.64	5.00	0.95	0.00	0.95
11.50	2.00	0.64	5.00	0.95	0.00	0.95
11.55	2.00	0.65	5.00	0.95	0.00	0.95
11.60	2.00	0.65	5.00	0.95	0.00	0.95
11.65	2.00	0.65	5.00	0.95	0.00	0.95
11.70	2.00	0.65	5.00	0.95	0.00	0.95
11.75	2.00	0.65	5.00	0.95	0.00	0.95
11.80	2.00	0.65	5.00	0.95	0.00	0.95
11.85	2.00	0.65	5.00	0.95	0.00	0.95
11.90	2.00	0.65	5.00	0.95	0.00	0.95
11.95	2.00	0.65	5.00	0.95	0.00	0.95
12.00	2.00	0.65	5.00	0.95	0.00	0.95
12.05	2.00	0.65	5.00	0.95	0.00	0.95
12.10	2.00	0.65	5.00	0.95	0.00	0.95
12.15	2.00	0.65	5.00	0.95	0.00	0.95
12.20	2.00	0.66	5.00	0.95	0.00	0.95
12.25	2.00	0.66	5.00	0.95	0.00	0.95
12.30	2.00	0.66	5.00	0.95	0.00	0.95
12.35	2.00	0.66	5.00	0.95	0.00	0.95
12.40	2.00	0.66	5.00	0.95	0.00	0.95
12.45	2.00	0.66	5.00	0.95	0.00	0.95
12.50	2.00	0.66	5.00	0.95	0.00	0.95
12.55	2.00	0.66	5.00	0.95	0.00	0.95
12.60	2.00	0.66	5.00	0.95	0.00	0.95
12.65	2.00	0.66	5.00	0.95	0.00	0.95
12.70	2.00	0.66	5.00	0.95	0.00	0.95
12.75	2.00	0.66	5.00	0.95	0.00	0.95
12.80	2.00	0.66	5.00	0.95	0.00	0.95
12.85	2.00	0.66	5.00	0.95	0.00	0.95
12.90	2.00	0.67	5.00	0.95	0.00	0.95
12.95	0.16	0.67	0.24*	0.95	0.00	0.95
13.00	0.13	0.67	0.19*	0.94	0.00	0.94
13.05	0.12	0.67	0.18*	0.93	0.00	0.93
13.10	0.12	0.67	0.17*	0.92	0.00	0.92
13.15	0.12	0.67	0.17*	0.90	0.00	0.90
13.20	0.12	0.67	0.17*	0.89	0.00	0.89
13.25	0.12	0.67	0.17*	0.87	0.00	0.87
13.30	0.12	0.67	0.18*	0.86	0.00	0.86
13.35	0.12	0.67	0.18*	0.84	0.00	0.84
13.40	0.12	0.67	0.18*	0.83	0.00	0.83
13.45	0.12	0.67	0.18*	0.81	0.00	0.81
13.50	0.12	0.67	0.18*	0.80	0.00	0.80
13.55	0.12	0.67	0.18*	0.79	0.00	0.79
13.60	0.12	0.67	0.18*	0.77	0.00	0.77
13.65	0.12	0.67	0.18*	0.76	0.00	0.76
13.70	0.12	0.68	0.18*	0.74	0.00	0.74
13.75	0.12	0.68	0.18*	0.73	0.00	0.73
13.80	0.12	0.68	0.18*	0.72	0.00	0.72
13.85	0.12	0.68	0.18*	0.70	0.00	0.70
13.90	0.12	0.68	0.18*	0.69	0.00	0.69
13.95	0.12	0.68	0.18*	0.67	0.00	0.67
14.00	0.13	0.68	0.19*	0.66	0.00	0.66
14.05	0.14	0.68	0.20*	0.65	0.00	0.65
14.10	0.17	0.68	0.24*	0.64	0.00	0.64

14.15	0.20	0.68	0.29*	0.63	0.00	0.63
14.20	0.23	0.68	0.33*	0.62	0.00	0.62
14.25	2.00	0.68	5.00	0.62	0.00	0.62
14.30	2.00	0.68	5.00	0.62	0.00	0.62
14.35	2.00	0.68	5.00	0.62	0.00	0.62
14.40	2.00	0.68	5.00	0.62	0.00	0.62
14.45	2.00	0.68	5.00	0.62	0.00	0.62
14.50	2.00	0.68	5.00	0.62	0.00	0.62
14.55	0.16	0.69	0.24*	0.62	0.00	0.62
14.60	0.14	0.69	0.20*	0.61	0.00	0.61
14.65	0.13	0.69	0.19*	0.60	0.00	0.60
14.70	0.13	0.69	0.18*	0.59	0.00	0.59
14.75	0.13	0.69	0.18*	0.57	0.00	0.57
14.80	0.13	0.69	0.18*	0.56	0.00	0.56
14.85	0.13	0.69	0.18*	0.55	0.00	0.55
14.90	0.13	0.69	0.18*	0.54	0.00	0.54
14.95	0.13	0.69	0.18*	0.52	0.00	0.52
15.00	0.13	0.69	0.19*	0.51	0.00	0.51
15.05	0.13	0.69	0.19*	0.50	0.00	0.50
15.10	0.13	0.69	0.19*	0.49	0.00	0.49
15.15	0.14	0.69	0.20*	0.47	0.00	0.47
15.20	0.14	0.69	0.21*	0.46	0.00	0.46
15.25	0.15	0.69	0.22*	0.45	0.00	0.45
15.30	0.16	0.69	0.23*	0.44	0.00	0.44
15.35	0.17	0.69	0.24*	0.42	0.00	0.42
15.40	0.18	0.69	0.26*	0.41	0.00	0.41
15.45	0.20	0.69	0.28*	0.40	0.00	0.40
15.50	0.23	0.70	0.33*	0.39	0.00	0.39
15.55	0.27	0.70	0.38*	0.38	0.00	0.38
15.60	0.31	0.70	0.45*	0.37	0.00	0.37
15.65	0.37	0.70	0.53*	0.36	0.00	0.36
15.70	0.43	0.70	0.62*	0.36	0.00	0.36
15.75	0.50	0.70	0.72*	0.35	0.00	0.35
15.80	0.63	0.70	0.91*	0.34	0.00	0.34
15.85	0.79	0.70	1.13	0.34	0.00	0.34
15.90	0.97	0.70	1.39	0.33	0.00	0.33
15.95	1.19	0.70	1.70	0.33	0.00	0.33
16.00	1.43	0.70	2.05	0.33	0.00	0.33
16.05	1.71	0.70	2.44	0.33	0.00	0.33
16.10	1.91	0.70	2.73	0.33	0.00	0.33
16.15	2.01	0.70	2.86	0.33	0.00	0.33
16.20	2.10	0.70	3.00	0.33	0.00	0.33
16.25	2.20	0.70	3.14	0.33	0.00	0.33
16.30	2.31	0.70	3.28	0.33	0.00	0.33
16.35	2.41	0.70	3.43	0.33	0.00	0.33
16.40	2.52	0.70	3.59	0.33	0.00	0.33
16.45	2.60	0.70	3.69	0.33	0.00	0.33
16.50	2.66	0.70	3.78	0.33	0.00	0.33
16.55	2.66	0.70	3.78	0.33	0.00	0.33
16.60	2.66	0.71	3.77	0.33	0.00	0.33
16.65	2.66	0.71	3.77	0.33	0.00	0.33
16.70	2.66	0.71	3.77	0.33	0.00	0.33
16.75	2.66	0.71	3.77	0.33	0.00	0.33
16.80	2.66	0.71	3.77	0.33	0.00	0.33
16.85	2.66	0.71	3.76	0.33	0.00	0.33
16.90	2.66	0.71	3.76	0.33	0.00	0.33
16.95	2.66	0.71	3.76	0.33	0.00	0.33
17.00	2.66	0.71	3.76	0.33	0.00	0.33
17.05	2.66	0.71	3.75	0.33	0.00	0.33
17.10	2.66	0.71	3.75	0.33	0.00	0.33
17.15	2.66	0.71	3.75	0.33	0.00	0.33
17.20	2.66	0.71	3.75	0.33	0.00	0.33
17.25	2.66	0.71	3.75	0.33	0.00	0.33

17.30	2.66	0.71	3.74	0.33	0.00	0.33
17.35	2.66	0.71	3.74	0.33	0.00	0.33
17.40	2.66	0.71	3.74	0.33	0.00	0.33
17.45	2.66	0.71	3.74	0.33	0.00	0.33
17.50	2.66	0.71	3.74	0.33	0.00	0.33
17.55	2.66	0.71	3.73	0.33	0.00	0.33
17.60	2.66	0.71	3.73	0.33	0.00	0.33
17.65	2.66	0.71	3.73	0.33	0.00	0.33
17.70	2.66	0.71	3.73	0.33	0.00	0.33
17.75	2.66	0.71	3.73	0.33	0.00	0.33
17.80	2.66	0.71	3.72	0.33	0.00	0.33
17.85	2.66	0.72	3.72	0.33	0.00	0.33
17.90	2.66	0.72	3.72	0.33	0.00	0.33
17.95	2.66	0.72	3.72	0.33	0.00	0.33
18.00	2.66	0.72	3.72	0.33	0.00	0.33
18.05	2.66	0.72	3.71	0.33	0.00	0.33
18.10	2.66	0.72	3.71	0.33	0.00	0.33
18.15	2.66	0.72	3.71	0.33	0.00	0.33
18.20	2.66	0.72	3.71	0.33	0.00	0.33
18.25	2.66	0.72	3.71	0.33	0.00	0.33
18.30	2.66	0.72	3.70	0.33	0.00	0.33
18.35	2.66	0.72	3.70	0.33	0.00	0.33
18.40	2.66	0.72	3.70	0.33	0.00	0.33
18.45	2.66	0.72	3.70	0.33	0.00	0.33
18.50	2.66	0.72	3.70	0.33	0.00	0.33
18.55	2.66	0.72	3.70	0.33	0.00	0.33
18.60	2.66	0.72	3.69	0.33	0.00	0.33
18.65	2.66	0.72	3.69	0.33	0.00	0.33
18.70	2.66	0.72	3.69	0.33	0.00	0.33
18.75	2.66	0.72	3.69	0.33	0.00	0.33
18.80	2.66	0.72	3.69	0.33	0.00	0.33
18.85	2.66	0.72	3.69	0.33	0.00	0.33
18.90	2.66	0.72	3.68	0.33	0.00	0.33
18.95	2.66	0.72	3.68	0.33	0.00	0.33
19.00	2.66	0.72	3.68	0.33	0.00	0.33
19.05	2.66	0.72	3.68	0.33	0.00	0.33
19.10	2.66	0.72	3.68	0.33	0.00	0.33
19.15	2.66	0.72	3.68	0.33	0.00	0.33
19.20	2.66	0.72	3.67	0.33	0.00	0.33
19.25	2.66	0.72	3.67	0.33	0.00	0.33
19.30	2.66	0.73	3.67	0.33	0.00	0.33
19.35	2.66	0.73	3.67	0.33	0.00	0.33
19.40	2.66	0.73	3.67	0.33	0.00	0.33
19.45	2.66	0.73	3.67	0.33	0.00	0.33
19.50	2.63	0.73	3.63	0.33	0.00	0.33
19.55	2.41	0.73	3.32	0.33	0.00	0.33
19.60	2.21	0.73	3.04	0.33	0.00	0.33
19.65	2.02	0.73	2.77	0.33	0.00	0.33
19.70	1.87	0.73	2.57	0.33	0.00	0.33
19.75	1.81	0.73	2.49	0.33	0.00	0.33
19.80	1.76	0.73	2.41	0.33	0.00	0.33
19.85	1.70	0.73	2.34	0.33	0.00	0.33
19.90	1.65	0.73	2.26	0.33	0.00	0.33
19.95	1.60	0.73	2.19	0.33	0.00	0.33
20.00	1.55	0.73	2.12	0.33	0.00	0.33
20.05	1.54	0.73	2.12	0.33	0.00	0.33
20.10	1.56	0.73	2.13	0.33	0.00	0.33
20.15	1.57	0.73	2.15	0.33	0.00	0.33
20.20	1.58	0.73	2.16	0.33	0.00	0.33
20.25	1.59	0.73	2.18	0.33	0.00	0.33
20.30	1.60	0.73	2.19	0.33	0.00	0.33
20.35	1.61	0.73	2.20	0.33	0.00	0.33
20.40	1.61	0.73	2.19	0.33	0.00	0.33

20.45	1.60	0.73	2.19	0.33	0.00	0.33
20.50	1.60	0.73	2.18	0.33	0.00	0.33
20.55	1.59	0.73	2.18	0.33	0.00	0.33
20.60	1.59	0.73	2.17	0.33	0.00	0.33
20.65	1.59	0.73	2.16	0.33	0.00	0.33
20.70	1.59	0.73	2.17	0.33	0.00	0.33
20.75	1.61	0.73	2.19	0.33	0.00	0.33
20.80	1.62	0.73	2.21	0.33	0.00	0.33
20.85	1.63	0.73	2.22	0.33	0.00	0.33
20.90	1.64	0.73	2.24	0.33	0.00	0.33
20.95	1.66	0.73	2.25	0.33	0.00	0.33
21.00	1.67	0.74	2.27	0.33	0.00	0.33
21.05	1.63	0.74	2.22	0.33	0.00	0.33
21.10	1.60	0.74	2.17	0.33	0.00	0.33
21.15	1.57	0.74	2.13	0.33	0.00	0.33
21.20	1.54	0.74	2.09	0.33	0.00	0.33
21.25	1.50	0.74	2.04	0.33	0.00	0.33
21.30	1.47	0.74	2.00	0.33	0.00	0.33
21.35	1.42	0.74	1.92	0.33	0.00	0.33
21.40	1.34	0.74	1.81	0.33	0.00	0.33
21.45	1.26	0.74	1.71	0.33	0.00	0.33
21.50	1.19	0.74	1.61	0.33	0.00	0.33
21.55	1.12	0.74	1.51	0.33	0.00	0.33
21.60	1.05	0.74	1.42	0.33	0.00	0.33
21.65	0.99	0.74	1.34	0.33	0.00	0.33
21.70	0.97	0.74	1.31	0.33	0.00	0.33
21.75	0.95	0.74	1.28	0.33	0.00	0.33
21.80	0.93	0.74	1.26	0.33	0.00	0.33
21.85	0.91	0.74	1.24	0.33	0.00	0.33
21.90	0.90	0.74	1.21	0.33	0.00	0.33
21.95	0.88	0.74	1.19	0.33	0.00	0.33
22.00	0.85	0.74	1.15	0.33	0.00	0.33
22.05	0.79	0.74	1.06	0.33	0.00	0.33
22.10	0.73	0.74	0.98*	0.33	0.00	0.33
22.15	0.68	0.74	0.91*	0.33	0.00	0.33
22.20	0.63	0.74	0.85*	0.33	0.00	0.33
22.25	0.59	0.74	0.79*	0.33	0.00	0.33
22.30	0.55	0.74	0.74*	0.33	0.00	0.33
22.35	0.54	0.74	0.73*	0.33	0.00	0.33
22.40	0.54	0.74	0.73*	0.32	0.00	0.32
22.45	0.54	0.74	0.73*	0.32	0.00	0.32
22.50	0.54	0.74	0.73*	0.32	0.00	0.32
22.55	0.54	0.74	0.73*	0.32	0.00	0.32
22.60	0.55	0.74	0.73*	0.32	0.00	0.32
22.65	0.54	0.74	0.73*	0.32	0.00	0.32
22.70	0.52	0.74	0.70*	0.32	0.00	0.32
22.75	0.50	0.74	0.68*	0.32	0.00	0.32
22.80	0.49	0.74	0.66*	0.32	0.00	0.32
22.85	0.47	0.74	0.63*	0.32	0.00	0.32
22.90	0.45	0.74	0.61*	0.31	0.00	0.31
22.95	0.44	0.74	0.59*	0.31	0.00	0.31
23.00	0.44	0.74	0.59*	0.31	0.00	0.31
23.05	0.45	0.74	0.60*	0.31	0.00	0.31
23.10	0.46	0.75	0.62*	0.31	0.00	0.31
23.15	0.47	0.75	0.64*	0.31	0.00	0.31
23.20	0.49	0.75	0.65*	0.31	0.00	0.31
23.25	0.50	0.75	0.67*	0.31	0.00	0.31
23.30	0.52	0.75	0.70*	0.30	0.00	0.30
23.35	0.53	0.75	0.72*	0.30	0.00	0.30
23.40	0.55	0.75	0.74*	0.30	0.00	0.30
23.45	0.57	0.75	0.77*	0.30	0.00	0.30
23.50	0.59	0.75	0.80*	0.30	0.00	0.30
23.55	0.62	0.75	0.83*	0.30	0.00	0.30

23.60	0.65	0.75	0.86*	0.30	0.00	0.30
23.65	0.67	0.75	0.89*	0.30	0.00	0.30
23.70	0.68	0.75	0.91*	0.30	0.00	0.30
23.75	0.69	0.75	0.93*	0.30	0.00	0.30
23.80	0.71	0.75	0.95*	0.29	0.00	0.29
23.85	0.72	0.75	0.97*	0.29	0.00	0.29
23.90	0.74	0.75	0.99*	0.29	0.00	0.29
23.95	0.76	0.75	1.01	0.29	0.00	0.29
24.00	0.72	0.75	0.96*	0.29	0.00	0.29
24.05	0.68	0.75	0.91*	0.29	0.00	0.29
24.10	0.65	0.75	0.87*	0.29	0.00	0.29
24.15	0.63	0.75	0.84*	0.29	0.00	0.29
24.20	0.60	0.75	0.80*	0.29	0.00	0.29
24.25	0.58	0.75	0.78*	0.29	0.00	0.29
24.30	0.57	0.75	0.76*	0.29	0.00	0.29
24.35	0.57	0.75	0.75*	0.29	0.00	0.29
24.40	0.56	0.75	0.75*	0.29	0.00	0.29
24.45	0.56	0.75	0.75*	0.28	0.00	0.28
24.50	0.56	0.75	0.74*	0.28	0.00	0.28
24.55	0.56	0.75	0.74*	0.28	0.00	0.28
24.60	0.56	0.75	0.75*	0.28	0.00	0.28
24.65	0.65	0.75	0.87*	0.28	0.00	0.28
24.70	0.77	0.75	1.02	0.28	0.00	0.28
24.75	0.90	0.75	1.20	0.28	0.00	0.28
24.80	1.05	0.75	1.39	0.28	0.00	0.28
24.85	1.21	0.75	1.60	0.28	0.00	0.28
24.90	1.38	0.75	1.84	0.28	0.00	0.28
24.95	1.53	0.75	2.04	0.28	0.00	0.28
25.00	1.60	0.75	2.12	0.28	0.00	0.28
25.05	1.67	0.75	2.21	0.28	0.00	0.28
25.10	1.74	0.75	2.31	0.28	0.00	0.28
25.15	1.81	0.75	2.40	0.28	0.00	0.28
25.20	1.88	0.75	2.50	0.28	0.00	0.28
25.25	1.96	0.75	2.60	0.28	0.00	0.28
25.30	1.99	0.75	2.64	0.28	0.00	0.28
25.35	2.00	0.75	2.65	0.28	0.00	0.28
25.40	2.01	0.75	2.66	0.28	0.00	0.28
25.45	2.02	0.75	2.68	0.28	0.00	0.28
25.50	2.03	0.75	2.69	0.28	0.00	0.28
25.55	2.04	0.75	2.70	0.28	0.00	0.28
25.60	2.05	0.75	2.71	0.28	0.00	0.28
25.65	2.03	0.75	2.70	0.28	0.00	0.28
25.70	2.02	0.75	2.68	0.28	0.00	0.28
25.75	2.01	0.75	2.67	0.28	0.00	0.28
25.80	2.00	0.75	2.65	0.28	0.00	0.28
25.85	1.99	0.76	2.64	0.28	0.00	0.28
25.90	1.98	0.76	2.62	0.28	0.00	0.28
25.95	1.97	0.76	2.61	0.28	0.00	0.28
26.00	1.97	0.76	2.60	0.28	0.00	0.28
26.05	1.96	0.76	2.59	0.28	0.00	0.28
26.10	1.95	0.76	2.59	0.28	0.00	0.28
26.15	1.95	0.76	2.58	0.28	0.00	0.28
26.20	1.94	0.76	2.57	0.28	0.00	0.28
26.25	1.93	0.76	2.56	0.28	0.00	0.28
26.30	1.87	0.76	2.47	0.28	0.00	0.28
26.35	1.80	0.76	2.38	0.28	0.00	0.28
26.40	1.74	0.76	2.30	0.28	0.00	0.28
26.45	1.68	0.76	2.22	0.28	0.00	0.28
26.50	1.62	0.76	2.14	0.28	0.00	0.28
26.55	1.56	0.76	2.06	0.28	0.00	0.28
26.60	1.51	0.76	2.00	0.28	0.00	0.28
26.65	1.47	0.76	1.95	0.28	0.00	0.28
26.70	1.44	0.76	1.89	0.28	0.00	0.28

26.75	1.40	0.76	1.84	0.28	0.00	0.28
26.80	1.36	0.76	1.80	0.28	0.00	0.28
26.85	1.33	0.76	1.75	0.28	0.00	0.28
26.90	1.29	0.76	1.70	0.28	0.00	0.28
26.95	1.30	0.76	1.71	0.28	0.00	0.28
27.00	1.30	0.76	1.72	0.28	0.00	0.28
27.05	1.30	0.76	1.72	0.28	0.00	0.28
27.10	1.31	0.76	1.72	0.28	0.00	0.28
27.15	1.31	0.76	1.72	0.28	0.00	0.28
27.20	1.31	0.76	1.73	0.28	0.00	0.28
27.25	1.32	0.76	1.74	0.28	0.00	0.28
27.30	1.35	0.76	1.78	0.28	0.00	0.28
27.35	1.38	0.76	1.81	0.28	0.00	0.28
27.40	1.40	0.76	1.85	0.28	0.00	0.28
27.45	1.43	0.76	1.88	0.28	0.00	0.28
27.50	1.46	0.76	1.92	0.28	0.00	0.28
27.55	1.48	0.76	1.95	0.28	0.00	0.28
27.60	1.49	0.76	1.96	0.28	0.00	0.28
27.65	1.49	0.76	1.96	0.28	0.00	0.28
27.70	1.49	0.76	1.95	0.28	0.00	0.28
27.75	1.48	0.76	1.95	0.28	0.00	0.28
27.80	1.48	0.76	1.95	0.28	0.00	0.28
27.85	1.48	0.76	1.95	0.28	0.00	0.28
27.90	1.48	0.76	1.95	0.28	0.00	0.28
27.95	1.49	0.76	1.95	0.28	0.00	0.28
28.00	1.49	0.76	1.96	0.28	0.00	0.28
28.05	1.49	0.76	1.96	0.28	0.00	0.28
28.10	1.50	0.76	1.97	0.28	0.00	0.28
28.15	1.50	0.76	1.97	0.28	0.00	0.28
28.20	1.51	0.76	1.98	0.28	0.00	0.28
28.25	1.51	0.76	1.98	0.28	0.00	0.28
28.30	1.51	0.76	1.98	0.28	0.00	0.28
28.35	1.51	0.76	1.98	0.28	0.00	0.28
28.40	1.51	0.76	1.98	0.28	0.00	0.28
28.45	1.51	0.76	1.98	0.28	0.00	0.28
28.50	1.51	0.76	1.98	0.28	0.00	0.28
28.55	1.50	0.76	1.97	0.28	0.00	0.28
28.60	1.48	0.76	1.95	0.28	0.00	0.28
28.65	1.47	0.76	1.92	0.28	0.00	0.28
28.70	1.45	0.76	1.90	0.28	0.00	0.28
28.75	1.44	0.76	1.88	0.28	0.00	0.28
28.80	1.42	0.76	1.87	0.28	0.00	0.28
28.85	1.41	0.76	1.85	0.28	0.00	0.28
28.90	1.44	0.76	1.88	0.28	0.00	0.28
28.95	1.49	0.76	1.95	0.28	0.00	0.28
29.00	1.55	0.76	2.03	0.28	0.00	0.28
29.05	1.61	0.76	2.10	0.28	0.00	0.28
29.10	1.67	0.76	2.19	0.28	0.00	0.28
29.15	1.74	0.76	2.27	0.28	0.00	0.28
29.20	1.80	0.76	2.36	0.28	0.00	0.28
29.25	1.81	0.76	2.37	0.28	0.00	0.28
29.30	1.81	0.76	2.37	0.28	0.00	0.28
29.35	1.82	0.76	2.38	0.28	0.00	0.28
29.40	1.82	0.76	2.38	0.28	0.00	0.28
29.45	1.83	0.76	2.39	0.28	0.00	0.28
29.50	1.83	0.76	2.40	0.28	0.00	0.28
29.55	1.85	0.76	2.43	0.28	0.00	0.28
29.60	1.90	0.76	2.48	0.28	0.00	0.28
29.65	1.94	0.76	2.54	0.28	0.00	0.28
29.70	1.99	0.76	2.60	0.28	0.00	0.28
29.75	2.03	0.76	2.66	0.28	0.00	0.28
29.80	2.08	0.77	2.72	0.28	0.00	0.28
29.85	2.13	0.77	2.78	0.28	0.00	0.28

29.90	2.13	0.77	2.79	0.28	0.00	0.28
29.95	2.13	0.77	2.79	0.28	0.00	0.28
30.00	2.13	0.77	2.79	0.28	0.00	0.28
30.05	2.13	0.77	2.78	0.28	0.00	0.28
30.10	2.13	0.77	2.78	0.28	0.00	0.28
30.15	2.13	0.76	2.78	0.28	0.00	0.28
30.20	2.08	0.76	2.72	0.28	0.00	0.28
30.25	1.92	0.76	2.51	0.28	0.00	0.28
30.30	1.78	0.76	2.32	0.28	0.00	0.28
30.35	1.64	0.76	2.14	0.28	0.00	0.28
30.40	1.50	0.76	1.97	0.28	0.00	0.28
30.45	1.38	0.76	1.80	0.28	0.00	0.28
30.50	1.26	0.76	1.65	0.28	0.00	0.28
30.55	1.13	0.76	1.49	0.28	0.00	0.28
30.60	1.01	0.76	1.33	0.28	0.00	0.28
30.65	0.90	0.76	1.18	0.28	0.00	0.28
30.70	0.80	0.76	1.05	0.28	0.00	0.28
30.75	0.71	0.76	0.93*	0.28	0.00	0.28
30.80	0.62	0.76	0.81*	0.27	0.00	0.27
30.85	0.54	0.76	0.71*	0.27	0.00	0.27
30.90	0.46	0.76	0.60*	0.26	0.00	0.26
30.95	0.40	0.76	0.52*	0.26	0.00	0.26
31.00	0.34	0.76	0.45*	0.25	0.00	0.25
31.05	0.30	0.76	0.40*	0.24	0.00	0.24
31.10	0.28	0.76	0.37*	0.24	0.00	0.24
31.15	0.30	0.76	0.39*	0.23	0.00	0.23
31.20	0.35	0.76	0.45*	0.22	0.00	0.22
31.25	0.38	0.76	0.50*	0.22	0.00	0.22
31.30	2.00	0.76	5.00	0.22	0.00	0.22
31.35	2.00	0.76	5.00	0.22	0.00	0.22
31.40	2.00	0.76	5.00	0.22	0.00	0.22
31.45	2.00	0.76	5.00	0.22	0.00	0.22
31.50	2.00	0.76	5.00	0.22	0.00	0.22
31.55	2.00	0.76	5.00	0.22	0.00	0.22
31.60	2.00	0.76	5.00	0.22	0.00	0.22
31.65	2.00	0.76	5.00	0.22	0.00	0.22
31.70	2.00	0.76	5.00	0.22	0.00	0.22
31.75	2.00	0.76	5.00	0.22	0.00	0.22
31.80	2.00	0.76	5.00	0.22	0.00	0.22
31.85	2.00	0.76	5.00	0.22	0.00	0.22
31.90	2.00	0.76	5.00	0.22	0.00	0.22
31.95	2.00	0.76	5.00	0.22	0.00	0.22
32.00	2.00	0.76	5.00	0.22	0.00	0.22
32.05	2.00	0.76	5.00	0.22	0.00	0.22
32.10	2.00	0.76	5.00	0.22	0.00	0.22
32.15	2.00	0.76	5.00	0.22	0.00	0.22
32.20	2.00	0.76	5.00	0.22	0.00	0.22
32.25	2.00	0.76	5.00	0.22	0.00	0.22
32.30	2.00	0.76	5.00	0.22	0.00	0.22
32.35	2.00	0.76	5.00	0.22	0.00	0.22
32.40	2.00	0.76	5.00	0.22	0.00	0.22
32.45	2.00	0.76	5.00	0.22	0.00	0.22
32.50	2.00	0.76	5.00	0.22	0.00	0.22
32.55	2.00	0.76	5.00	0.22	0.00	0.22
32.60	2.00	0.76	5.00	0.22	0.00	0.22
32.65	2.00	0.76	5.00	0.22	0.00	0.22
32.70	2.00	0.76	5.00	0.22	0.00	0.22
32.75	2.00	0.76	5.00	0.22	0.00	0.22
32.80	2.00	0.76	5.00	0.22	0.00	0.22
32.85	2.00	0.76	5.00	0.22	0.00	0.22
32.90	0.25	0.76	0.33*	0.22	0.00	0.22
32.95	0.27	0.76	0.36*	0.21	0.00	0.21
33.00	0.32	0.76	0.42*	0.21	0.00	0.21

33.05	0.38	0.76	0.51*	0.20	0.00	0.20
33.10	0.47	0.76	0.62*	0.19	0.00	0.19
33.15	0.56	0.76	0.74*	0.19	0.00	0.19
33.20	0.63	0.75	0.83*	0.19	0.00	0.19
33.25	0.70	0.75	0.92*	0.19	0.00	0.19
33.30	0.77	0.75	1.02	0.18	0.00	0.18
33.35	0.85	0.75	1.13	0.18	0.00	0.18
33.40	0.94	0.75	1.25	0.18	0.00	0.18
33.45	1.03	0.75	1.37	0.18	0.00	0.18
33.50	1.08	0.75	1.44	0.18	0.00	0.18
33.55	1.11	0.75	1.48	0.18	0.00	0.18
33.60	1.14	0.75	1.52	0.18	0.00	0.18
33.65	1.18	0.75	1.56	0.18	0.00	0.18
33.70	1.21	0.75	1.61	0.18	0.00	0.18
33.75	1.24	0.75	1.65	0.18	0.00	0.18
33.80	1.28	0.75	1.70	0.18	0.00	0.18
33.85	1.31	0.75	1.74	0.18	0.00	0.18
33.90	1.33	0.75	1.77	0.18	0.00	0.18
33.95	1.36	0.75	1.81	0.18	0.00	0.18
34.00	1.39	0.75	1.85	0.18	0.00	0.18
34.05	1.42	0.75	1.89	0.18	0.00	0.18
34.10	1.46	0.75	1.95	0.18	0.00	0.18
34.15	1.45	0.75	1.93	0.18	0.00	0.18
34.20	1.41	0.75	1.88	0.18	0.00	0.18
34.25	1.38	0.75	1.83	0.18	0.00	0.18
34.30	1.34	0.75	1.79	0.18	0.00	0.18
34.35	1.32	0.75	1.75	0.18	0.00	0.18
34.40	1.29	0.75	1.72	0.18	0.00	0.18
34.45	1.26	0.75	1.68	0.18	0.00	0.18
34.50	1.22	0.75	1.63	0.18	0.00	0.18
34.55	1.18	0.75	1.58	0.18	0.00	0.18
34.60	1.14	0.75	1.52	0.18	0.00	0.18
34.65	1.11	0.75	1.48	0.18	0.00	0.18
34.70	1.07	0.75	1.43	0.18	0.00	0.18
34.75	1.03	0.75	1.38	0.18	0.00	0.18
34.80	1.02	0.75	1.36	0.18	0.00	0.18
34.85	1.03	0.75	1.38	0.18	0.00	0.18
34.90	1.04	0.75	1.39	0.18	0.00	0.18
34.95	1.05	0.75	1.41	0.18	0.00	0.18
35.00	1.07	0.75	1.43	0.18	0.00	0.18
35.05	1.08	0.75	1.44	0.18	0.00	0.18
35.10	1.09	0.75	1.46	0.18	0.00	0.18
35.15	1.08	0.75	1.44	0.18	0.00	0.18
35.20	1.07	0.75	1.43	0.18	0.00	0.18
35.25	1.05	0.75	1.41	0.18	0.00	0.18
35.30	1.04	0.75	1.39	0.18	0.00	0.18
35.35	1.03	0.75	1.38	0.18	0.00	0.18
35.40	1.01	0.75	1.36	0.18	0.00	0.18
35.45	1.00	0.75	1.34	0.18	0.00	0.18
35.50	0.98	0.75	1.31	0.18	0.00	0.18
35.55	0.96	0.75	1.28	0.18	0.00	0.18
35.60	0.94	0.75	1.26	0.18	0.00	0.18
35.65	0.92	0.75	1.23	0.18	0.00	0.18
35.70	0.90	0.75	1.21	0.18	0.00	0.18
35.75	0.88	0.74	1.18	0.18	0.00	0.18
35.80	0.88	0.74	1.18	0.18	0.00	0.18
35.85	0.89	0.74	1.19	0.18	0.00	0.18
35.90	0.89	0.74	1.20	0.18	0.00	0.18
35.95	0.90	0.74	1.21	0.18	0.00	0.18
36.00	0.91	0.74	1.22	0.18	0.00	0.18
36.05	0.91	0.74	1.23	0.18	0.00	0.18
36.10	0.92	0.74	1.24	0.18	0.00	0.18
36.15	0.92	0.74	1.24	0.18	0.00	0.18

36.20	0.93	0.74	1.25	0.18	0.00	0.18
36.25	0.93	0.74	1.25	0.18	0.00	0.18
36.30	0.93	0.74	1.25	0.18	0.00	0.18
36.35	0.93	0.74	1.26	0.18	0.00	0.18
36.40	0.94	0.74	1.26	0.18	0.00	0.18
36.45	0.94	0.74	1.27	0.18	0.00	0.18
36.50	0.95	0.74	1.27	0.18	0.00	0.18
36.55	0.95	0.74	1.28	0.18	0.00	0.18
36.60	0.95	0.74	1.29	0.18	0.00	0.18
36.65	0.96	0.74	1.29	0.18	0.00	0.18
36.70	0.96	0.74	1.30	0.18	0.00	0.18
36.75	0.97	0.74	1.30	0.18	0.00	0.18
36.80	0.94	0.74	1.28	0.18	0.00	0.18
36.85	0.92	0.74	1.25	0.18	0.00	0.18
36.90	0.90	0.74	1.22	0.18	0.00	0.18
36.95	0.89	0.74	1.20	0.18	0.00	0.18
37.00	0.87	0.74	1.17	0.18	0.00	0.18
37.05	0.85	0.74	1.15	0.18	0.00	0.18
37.10	0.82	0.74	1.10	0.18	0.00	0.18
37.15	0.77	0.74	1.05	0.18	0.00	0.18
37.20	0.73	0.74	0.99*	0.18	0.00	0.18
37.25	0.70	0.74	0.94*	0.18	0.00	0.18
37.30	0.66	0.74	0.89*	0.18	0.00	0.18
37.35	0.63	0.74	0.85*	0.18	0.00	0.18
37.40	0.60	0.74	0.81*	0.18	0.00	0.18
37.45	0.56	0.74	0.75*	0.18	0.00	0.18
37.50	0.52	0.74	0.71*	0.18	0.00	0.18
37.55	0.50	0.74	0.68*	0.18	0.00	0.18
37.60	0.49	0.74	0.66*	0.18	0.00	0.18
37.65	0.50	0.74	0.67*	0.17	0.00	0.17
37.70	0.54	0.74	0.73*	0.17	0.00	0.17
37.75	0.55	0.74	0.74*	0.17	0.00	0.17
37.80	0.51	0.74	0.69*	0.17	0.00	0.17
37.85	0.52	0.74	0.71*	0.17	0.00	0.17
37.90	0.56	0.74	0.77*	0.17	0.00	0.17
37.95	0.62	0.74	0.85*	0.17	0.00	0.17
38.00	0.69	0.74	0.94*	0.17	0.00	0.17
38.05	0.78	0.73	1.06	0.17	0.00	0.17
38.10	0.82	0.73	1.11	0.17	0.00	0.17
38.15	0.84	0.73	1.14	0.17	0.00	0.17
38.20	0.86	0.73	1.18	0.17	0.00	0.17
38.25	0.89	0.73	1.21	0.17	0.00	0.17
38.30	0.92	0.73	1.25	0.17	0.00	0.17
38.35	0.94	0.73	1.28	0.17	0.00	0.17
38.40	0.96	0.73	1.31	0.17	0.00	0.17
38.45	0.95	0.73	1.29	0.17	0.00	0.17
38.50	0.93	0.73	1.28	0.17	0.00	0.17
38.55	0.92	0.73	1.26	0.17	0.00	0.17
38.60	0.91	0.73	1.24	0.17	0.00	0.17
38.65	0.90	0.73	1.23	0.17	0.00	0.17
38.70	0.89	0.73	1.21	0.17	0.00	0.17
38.75	0.87	0.73	1.19	0.17	0.00	0.17
38.80	0.85	0.73	1.17	0.17	0.00	0.17
38.85	0.84	0.73	1.14	0.17	0.00	0.17
38.90	0.82	0.73	1.12	0.17	0.00	0.17
38.95	0.80	0.73	1.10	0.17	0.00	0.17
39.00	0.79	0.73	1.08	0.17	0.00	0.17
39.05	0.78	0.73	1.06	0.17	0.00	0.17
39.10	0.77	0.73	1.05	0.17	0.00	0.17
39.15	0.76	0.73	1.04	0.17	0.00	0.17
39.20	0.75	0.73	1.03	0.17	0.00	0.17
39.25	0.74	0.73	1.02	0.17	0.00	0.17
39.30	0.73	0.73	1.01	0.17	0.00	0.17

39.35	0.72	0.73	0.99*	0.17	0.00	0.17
39.40	0.72	0.73	0.99*	0.17	0.00	0.17
39.45	0.72	0.73	0.98*	0.17	0.00	0.17
39.50	0.71	0.73	0.98*	0.17	0.00	0.17
39.55	0.71	0.73	0.98*	0.17	0.00	0.17
39.60	0.71	0.73	0.98*	0.17	0.00	0.17
39.65	0.71	0.73	0.97*	0.17	0.00	0.17
39.70	0.71	0.73	0.98*	0.17	0.00	0.17
39.75	0.74	0.73	1.01	0.17	0.00	0.17
39.80	0.77	0.73	1.06	0.17	0.00	0.17
39.85	0.80	0.73	1.10	0.17	0.00	0.17
39.90	0.84	0.73	1.15	0.17	0.00	0.17
39.95	0.87	0.73	1.20	0.17	0.00	0.17
40.00	0.91	0.73	1.26	0.17	0.00	0.17
40.05	0.92	0.73	1.26	0.17	0.00	0.17
40.10	0.88	0.73	1.21	0.17	0.00	0.17
40.15	0.84	0.72	1.16	0.17	0.00	0.17
40.20	0.81	0.72	1.12	0.17	0.00	0.17
40.25	0.78	0.72	1.07	0.17	0.00	0.17
40.30	0.74	0.72	1.02	0.17	0.00	0.17
40.35	0.71	0.72	0.98*	0.17	0.00	0.17
40.40	0.68	0.72	0.94*	0.17	0.00	0.17
40.45	0.66	0.72	0.91*	0.17	0.00	0.17
40.50	0.63	0.72	0.87*	0.17	0.00	0.17
40.55	0.61	0.72	0.84*	0.16	0.00	0.16
40.60	0.58	0.72	0.80*	0.16	0.00	0.16
40.65	0.56	0.72	0.77*	0.16	0.00	0.16
40.70	0.54	0.72	0.74*	0.16	0.00	0.16
40.75	0.52	0.72	0.72*	0.15	0.00	0.15
40.80	0.50	0.72	0.70*	0.15	0.00	0.15
40.85	0.49	0.72	0.68*	0.15	0.00	0.15
40.90	0.48	0.72	0.66*	0.14	0.00	0.14
40.95	0.46	0.72	0.64*	0.14	0.00	0.14
41.00	0.45	0.72	0.62*	0.14	0.00	0.14
41.05	0.44	0.72	0.62*	0.13	0.00	0.13
41.10	0.44	0.72	0.61*	0.13	0.00	0.13
41.15	0.44	0.72	0.61*	0.12	0.00	0.12
41.20	0.43	0.72	0.60*	0.12	0.00	0.12
41.25	0.43	0.72	0.60*	0.12	0.00	0.12
41.30	0.43	0.72	0.60*	0.11	0.00	0.11
41.35	0.42	0.72	0.59*	0.11	0.00	0.11
41.40	0.41	0.72	0.57*	0.11	0.00	0.11
41.45	0.40	0.72	0.56*	0.10	0.00	0.10
41.50	0.39	0.72	0.54*	0.10	0.00	0.10
41.55	0.38	0.72	0.53*	0.09	0.00	0.09
41.60	0.37	0.72	0.51*	0.09	0.00	0.09
41.65	0.36	0.72	0.50*	0.08	0.00	0.08
41.70	0.37	0.72	0.52*	0.08	0.00	0.08
41.75	0.40	0.72	0.56*	0.07	0.00	0.07
41.80	0.43	0.72	0.60*	0.07	0.00	0.07
41.85	0.46	0.72	0.64*	0.07	0.00	0.07
41.90	0.50	0.72	0.70*	0.06	0.00	0.06
41.95	0.54	0.72	0.75*	0.06	0.00	0.06
42.00	0.58	0.72	0.81*	0.06	0.00	0.06
42.05	0.60	0.72	0.84*	0.06	0.00	0.06
42.10	0.63	0.72	0.88*	0.06	0.00	0.06
42.15	0.65	0.72	0.91*	0.06	0.00	0.06
42.20	0.68	0.71	0.95*	0.06	0.00	0.06
42.25	0.70	0.71	0.99*	0.06	0.00	0.06
42.30	0.73	0.71	1.02	0.05	0.00	0.05
42.35	0.76	0.71	1.07	0.05	0.00	0.05
42.40	0.79	0.71	1.11	0.05	0.00	0.05
42.45	0.83	0.71	1.16	0.05	0.00	0.05

42.50	0.86	0.71	1.21	0.05	0.00	0.05
42.55	0.89	0.71	1.25	0.05	0.00	0.05
42.60	0.93	0.71	1.31	0.05	0.00	0.05
42.65	0.97	0.71	1.36	0.05	0.00	0.05
42.70	0.98	0.71	1.37	0.05	0.00	0.05
42.75	0.98	0.71	1.38	0.05	0.00	0.05
42.80	0.99	0.71	1.39	0.05	0.00	0.05
42.85	1.00	0.71	1.41	0.05	0.00	0.05
42.90	1.01	0.71	1.42	0.05	0.00	0.05
42.95	1.02	0.71	1.43	0.05	0.00	0.05
43.00	1.02	0.71	1.44	0.05	0.00	0.05
43.05	1.02	0.71	1.44	0.05	0.00	0.05
43.10	1.02	0.71	1.44	0.05	0.00	0.05
43.15	1.03	0.71	1.44	0.05	0.00	0.05
43.20	1.03	0.71	1.45	0.05	0.00	0.05
43.25	1.03	0.71	1.45	0.05	0.00	0.05
43.30	1.03	0.71	1.45	0.05	0.00	0.05
43.35	1.02	0.71	1.44	0.05	0.00	0.05
43.40	1.01	0.71	1.42	0.05	0.00	0.05
43.45	1.00	0.71	1.41	0.05	0.00	0.05
43.50	0.99	0.71	1.40	0.05	0.00	0.05
43.55	0.98	0.71	1.38	0.05	0.00	0.05
43.60	0.97	0.71	1.37	0.05	0.00	0.05
43.65	0.95	0.71	1.34	0.05	0.00	0.05
43.70	0.92	0.71	1.30	0.05	0.00	0.05
43.75	0.88	0.71	1.25	0.05	0.00	0.05
43.80	0.85	0.71	1.20	0.05	0.00	0.05
43.85	0.82	0.71	1.16	0.05	0.00	0.05
43.90	0.79	0.71	1.12	0.05	0.00	0.05
43.95	0.76	0.71	1.07	0.05	0.00	0.05
44.00	0.73	0.71	1.04	0.05	0.00	0.05
44.05	0.71	0.71	1.01	0.05	0.00	0.05
44.10	0.69	0.70	0.97*	0.05	0.00	0.05
44.15	0.67	0.70	0.94*	0.05	0.00	0.05
44.20	0.65	0.70	0.92*	0.05	0.00	0.05
44.25	0.63	0.70	0.89*	0.05	0.00	0.05
44.30	0.62	0.70	0.87*	0.05	0.00	0.05
44.35	0.63	0.70	0.90*	0.05	0.00	0.05
44.40	0.65	0.70	0.93*	0.05	0.00	0.05
44.45	0.67	0.70	0.96*	0.05	0.00	0.05
44.50	0.70	0.70	0.99*	0.05	0.00	0.05
44.55	0.72	0.70	1.03	0.05	0.00	0.05
44.60	0.75	0.70	1.07	0.05	0.00	0.05
44.65	0.74	0.70	1.06	0.05	0.00	0.05
44.70	0.71	0.70	1.02	0.05	0.00	0.05
44.75	0.68	0.70	0.97*	0.05	0.00	0.05
44.80	0.66	0.70	0.94*	0.05	0.00	0.05
44.85	0.63	0.70	0.90*	0.05	0.00	0.05
44.90	0.61	0.70	0.87*	0.05	0.00	0.05
44.95	0.58	0.70	0.83*	0.05	0.00	0.05
45.00	0.53	0.70	0.75*	0.05	0.00	0.05
45.05	0.47	0.70	0.68*	0.05	0.00	0.05
45.10	0.42	0.70	0.60*	0.05	0.00	0.05
45.15	0.38	0.70	0.54*	0.05	0.00	0.05
45.20	0.33	0.70	0.47*	0.05	0.00	0.05
45.25	0.29	0.70	0.42*	0.04	0.00	0.04
45.30	0.29	0.70	0.42*	0.03	0.00	0.03
45.35	0.36	0.70	0.52*	0.03	0.00	0.03
45.40	0.47	0.70	0.67*	0.03	0.00	0.03
45.45	2.00	0.70	5.00	0.03	0.00	0.03
45.50	2.00	0.70	5.00	0.03	0.00	0.03
45.55	2.00	0.70	5.00	0.03	0.00	0.03
45.60	2.00	0.70	5.00	0.03	0.00	0.03

45.65	2.00	0.70	5.00	0.03	0.00	0.03
45.70	2.00	0.70	5.00	0.03	0.00	0.03
45.75	2.00	0.70	5.00	0.03	0.00	0.03
45.80	2.00	0.70	5.00	0.03	0.00	0.03
45.85	2.00	0.70	5.00	0.03	0.00	0.03
45.90	2.00	0.70	5.00	0.03	0.00	0.03
45.95	2.00	0.69	5.00	0.03	0.00	0.03
46.00	2.00	0.69	5.00	0.03	0.00	0.03
46.05	2.00	0.69	5.00	0.03	0.00	0.03
46.10	2.00	0.69	5.00	0.03	0.00	0.03
46.15	2.00	0.69	5.00	0.03	0.00	0.03
46.20	2.00	0.69	5.00	0.03	0.00	0.03
46.25	2.00	0.69	5.00	0.03	0.00	0.03
46.30	2.00	0.69	5.00	0.03	0.00	0.03
46.35	2.00	0.69	5.00	0.03	0.00	0.03
46.40	2.00	0.69	5.00	0.03	0.00	0.03
46.45	2.00	0.69	5.00	0.03	0.00	0.03
46.50	2.00	0.69	5.00	0.03	0.00	0.03
46.55	2.00	0.69	5.00	0.03	0.00	0.03
46.60	2.00	0.69	5.00	0.03	0.00	0.03
46.65	2.00	0.69	5.00	0.03	0.00	0.03
46.70	2.00	0.69	5.00	0.03	0.00	0.03
46.75	2.00	0.69	5.00	0.03	0.00	0.03
46.80	2.00	0.69	5.00	0.03	0.00	0.03
46.85	2.00	0.69	5.00	0.03	0.00	0.03
46.90	2.00	0.69	5.00	0.03	0.00	0.03
46.95	0.83	0.69	1.20	0.03	0.00	0.03
47.00	0.63	0.69	0.92*	0.03	0.00	0.03
47.05	0.56	0.69	0.81*	0.03	0.00	0.03
47.10	0.53	0.69	0.76*	0.03	0.00	0.03
47.15	0.52	0.69	0.76*	0.03	0.00	0.03
47.20	0.53	0.69	0.77*	0.03	0.00	0.03
47.25	0.54	0.69	0.78*	0.02	0.00	0.02
47.30	0.50	0.69	0.73*	0.02	0.00	0.02
47.35	0.47	0.69	0.69*	0.02	0.00	0.02
47.40	0.45	0.69	0.66*	0.02	0.00	0.02
47.45	0.43	0.69	0.63*	0.02	0.00	0.02
47.50	0.42	0.69	0.61*	0.01	0.00	0.01
47.55	0.41	0.69	0.60*	0.01	0.00	0.01
47.60	0.40	0.69	0.58*	0.01	0.00	0.01
47.65	0.39	0.69	0.56*	0.01	0.00	0.01
47.70	0.39	0.69	0.56*	0.01	0.00	0.01
47.75	2.00	0.68	5.00	0.01	0.00	0.01
47.80	2.00	0.68	5.00	0.01	0.00	0.01
47.85	2.00	0.68	5.00	0.01	0.00	0.01
47.90	2.00	0.68	5.00	0.01	0.00	0.01
47.95	2.00	0.68	5.00	0.01	0.00	0.01
48.00	2.00	0.68	5.00	0.01	0.00	0.01
48.05	2.00	0.68	5.00	0.01	0.00	0.01
48.10	2.00	0.68	5.00	0.01	0.00	0.01
48.15	2.00	0.68	5.00	0.01	0.00	0.01
48.20	2.00	0.68	5.00	0.01	0.00	0.01
48.25	2.00	0.68	5.00	0.01	0.00	0.01
48.30	0.49	0.68	0.71*	0.01	0.00	0.01
48.35	0.48	0.68	0.71*	0.01	0.00	0.01
48.40	0.52	0.68	0.76*	0.01	0.00	0.01
48.45	0.57	0.68	0.84*	0.00	0.00	0.00
48.50	0.64	0.68	0.94*	0.00	0.00	0.00
48.55	0.72	0.68	1.06	0.00	0.00	0.00
48.60	0.74	0.68	1.09	0.00	0.00	0.00
48.65	0.75	0.68	1.10	0.00	0.00	0.00
48.70	0.76	0.68	1.12	0.00	0.00	0.00
48.75	0.78	0.68	1.15	0.00	0.00	0.00

48.80	0.80	0.68	1.18	0.00	0.00	0.00
48.85	0.84	0.68	1.23	0.00	0.00	0.00
48.90	0.87	0.68	1.29	0.00	0.00	0.00
48.95	0.90	0.68	1.32	0.00	0.00	0.00
49.00	0.92	0.68	1.36	0.00	0.00	0.00
49.05	0.94	0.68	1.39	0.00	0.00	0.00
49.10	0.97	0.68	1.43	0.00	0.00	0.00
49.15	1.00	0.68	1.47	0.00	0.00	0.00
49.20	1.02	0.68	1.51	0.00	0.00	0.00
49.25	0.93	0.68	1.38	0.00	0.00	0.00
49.30	0.88	0.68	1.30	0.00	0.00	0.00
49.35	0.88	0.68	1.30	0.00	0.00	0.00
49.40	0.90	0.68	1.33	0.00	0.00	0.00
49.45	0.94	0.68	1.39	0.00	0.00	0.00
49.50	0.99	0.67	1.46	0.00	0.00	0.00
49.55	1.03	0.67	1.52	0.00	0.00	0.00
49.60	0.96	0.67	1.43	0.00	0.00	0.00
49.65	0.90	0.67	1.33	0.00	0.00	0.00
49.70	0.84	0.67	1.24	0.00	0.00	0.00
49.75	0.78	0.67	1.16	0.00	0.00	0.00
49.80	0.72	0.67	1.07	0.00	0.00	0.00
49.85	0.67	0.67	1.00*	0.00	0.00	0.00
49.90	0.65	0.67	0.97*	0.00	0.00	0.00
49.95	0.65	0.67	0.97*	0.00	0.00	0.00
50.00	0.65	0.67	0.97*	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

---

1 atm (atmosphere) = 1 tsf (ton/ft2)

CRRm	Cyclic resistance ratio from soils
CSRsf	Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S.	Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat	Settlement from saturated sands
S_dry	Settlement from Unsaturated Sands
S_all	Total Settlement from Saturated and Unsaturated Sands
NoLiq	No-Liquefy Soils

RMA GeoScience
Every Project Matters | www.rmacompanies.com

APPENDIX F

REFERENCES

REFERENCES

1. California Building Standards Commission, 2019 California Building Code.

2. California Division of Mines and Geology (CDMG), Earthquake Zones of Required investigation El Monte Quadrangle, Earthquake Fault Zones Revised Official Map Released June 15, 2017, Seismic Hazard Zones Official Map Released March 25, 1999, Scale 1:24,000.

3. CDMG, Seismic Hazard Zone Report for the El Monte 7.5-Minute Quadrangle, Los Angeles County, California, 1998, Seismic Hazard Zone Report 024.

4. Google Earth (2018), Aerial Photographs, 1994-2018.

5. Kramer, S.L., "Geotechnical Earthquake Engineering," Prentice Hall, 1996.

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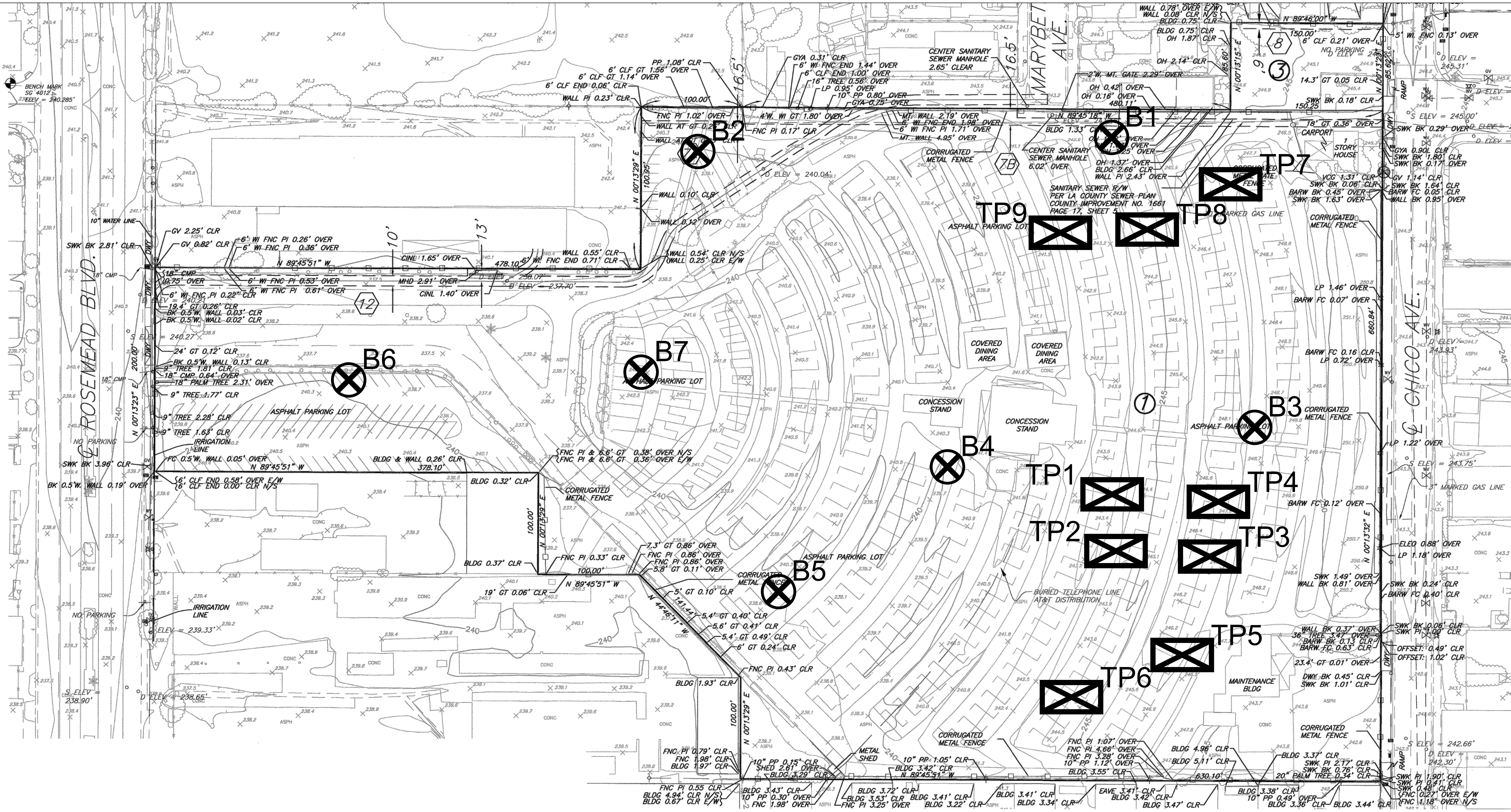
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9. Applied Technology Council (ATC) Hazards by Location https://hazards.atcouncil.org

10. Seismic Earth Pressures on Retaining Walls, S004.0, Rev. 1/6/2020, Geotechnical and Materials Engineering Division, Administrative Manual, County of Los Angeles, Department of Public Works.

11. Gregg Drilling, LLC, Cone Penetration Testing Procedure (CPT), Revised 02/05/2015/



Legend

B4 Approximate Boring Location

TP6 Approximate Test Pit Location

1	10/23/15	TITLE REPORT UPDATE 2 - DATED SEPTEMBER 24, 2015	RCJ
NO.	DATE	DESCRIPTION	BY

B & E ENGINEERS

CIVIL ENGINEERS SURVEYING LAND PLANNING

20 E. FOOTHILL BLVD., STE 230
ARCADIA, CA 91006-2375

TEL: (626) 446-4449
FAX: (626) 446-6566

ALTA / ACSM LAND TITLE SURVEY

LOTS 29 - 30, TRACT 621, M.B. 15 - 182-183
& LOTS 5, 6, 7, 8, 9, 12, 13, 15 & 16 TRACT 11104, MAP 195 - 14
CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES

SCALE: 1" = 50'	DRAWN: RCJ	DATE: 10-23-15	
JN: 2015208	CHECKED: JL	SHEET: 2	OF: 3

SCALE 1"=50'

Boring and Test Pit Location Map

2540 Rosemead Boulevard
South El Monte, CA

RMA GeoScience

Plate 1

RMA Job No:	20G-0418
Report Date:	8/2020
Prepared By:	MRM

Appendix F Phase I ESA

Appendix

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Phase I Environmental Site Assessment and Limited Subsurface Assessment South El Monte Swap-Meet 2540 Rosemead Boulevard South El Monte, California 91733

October 12, 2021

Prepared for:

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735 East Carnegie Drive, Suite 280
San Bernardino, California 92408

Project No.: 185804859

Sign-off Sheet and Signatures of Environmental Professionals

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All information, conclusions, and recommendations provided by Stantec in this document regarding the Phase I ESA have been prepared under the supervision of and reviewed by the professionals whose signatures appear below.

Author: ______________________________

Debbie Hernandez
Geologist Staff

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Quality Reviewer: ______________________________

Alicia Jansen
Associate Scientist

Independent Reviewer: ______________________________

Kyle Emerson, C.E.G., P.G.,
Managing Principal Geologist

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Abbreviations

AAI	All Appropriate Inquiry
ACM	Asbestos-containing material
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CREC	Controlled Recognized Environmental Conditions
CWA	Clean Water Act
ELUC	Environmental Land Use Control
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
ft msl	Feet above mean sea level
HREC	Historical Recognized Environmental Conditions
LBP	Lead-based paint
LUST	Leaking Underground Storage Tank
NESHAP	National Emissions Standard for Hazardous Air Pollutants
PAHs	Polynuclear Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
USGS	United States Geological Survey
UST	Underground Storage Tank
VEC	Vapor Encroachment Condition
VOCs	Volatile Organic Compounds

1.0 SUMMARY

Stantec Consulting Services Inc. (Stantec) has completed a Phase I Environmental Site Assessment (ESA) and Limited Subsurface Assessment report of the property located at 2540 Rosemead Boulevard, South El Monte, California 91733 (the "Property"), on behalf of California T.C. Group, L.P. (the "Client"). California T.C. Group, L.P. (the "User") has been designated as the User of this report.

The Phase I ESA was conducted in conformance with the requirements of American Society for Testing and Materials (ASTM) Designation E 1527-13, and All Appropriate Inquiry (AAI) as defined by the US-EPA in Title 40 of the Code of Federal Regulations, Part 312. Any exceptions to, or deletions from, the ASTM or AAI practice are described in Section 2.3.

The Property consists of eleven parcels, ten of which are rectangular. The parcels are located between Rosemead Boulevard and Chico Avenue. The Property is currently vacant and was formerly operated by the Starlite Swap Meet, a residence, and Master Designs Furniture. The total Property area is approximately 17.37 acres. The Property is located in a suburban area characterized by industrial properties and residences. The terrain of the Property appeared to be generally sloping to the west. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

The Property appears to have first been used as agricultural land dating back to 1928. By 1938 a dairy appeared to have been developed on the western portion of the Property, and residences were developed on the eastern portion. By 1952 the western portion of the Property was redeveloped with a drive-in theater. By 1972 the eastern portion of the Property was redeveloped with two commercial structures and two large parking lots. By 1989 two of the three residences at the Property were demolished. By 2002 the screen of the drive-in theater was removed. Previous assessments performed at the Property are summarized below.

Methane Investigation

In August and September 2015, Hillmann Consulting conducted subsurface investigations which advanced a total of 26 soil borings and 15 soil vapor probes across the Property. Results of this subsurface assessment detected elevated concentrations of methane in the east-central portion of the subject Property. No significant concentrations of petroleum hydrocarbons were detected in the soil matrix samples and, other than arsenic, concentrations of metals in soil appear to represent expected background levels. Although arsenic was detected at a concentration of 8.2 milligrams per kilogram (mg/kg), this is below the generally accepted statistically derived background for arsenic (12 mg/kg) as accepted by the California Department of Toxic Substances Control (DTSC) for school sites. Therefore, metals and total petroleum hydrocarbons were not identified as contaminates of concern to the Property by Hillmann.

Hillmann did detect elevated concentrations of methane at several locations, with the maximum concentration detected at 620,000 parts per million by volume (ppmv). The source of the elevated methane was not determined during this assessment and the concentrations of methane indicate a risk for accumulation under any proposed buildings.

Summary
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On June 13, 2018, Fulcrum Resources Environmental (FRE) contracted Munoz Drilling, Inc. of Santa Ana, California to advance soil borings to assess possible contaminants in soil and soil vapor at the subject property. The purpose of this investigation was to further evaluate the presence of methane previously identified at the subject Property by Hillmann. FRE reported concentrations of methane ranging from less than 10 to a peak level of 235,000 ppmv in boring SB31-10 in the eastern portion of the Property. The highest concentrations of methane were detected in the ten-foot soil vapor samples form borings SB31 (235,000 ppmv), SB33 (162,000 ppmv), and SB34 (109,000 ppmv). The elevated concentration of methane detected in the subsurface appear to be in close proximity to a gas pipeline leading to the snack shop from the maintenance building. It was suspected by FRE, that a leaking pipeline was the potential source of the elevated methane at the southeastern portion of the Property.

Following the June 2018 investigation by FRE, the SoCal Gas Company closed and locked out the gas pipeline valve located at the maintenance building, terminating gas service to the snack shop.

Stantec was retained to further assess the methane concerns at the subject Property. Stantec completed a Phase I ESA and limited subsurface assessment between July 16 and 24, 2020, to assess possible contaminants associated with the recognized environmental conditions (RECs) identified in the previous Property assessment reports referenced above. Soil borings, soil vapor probe, and test pit locations are shown on Figure 3. Stantec installed eleven multi-depth soil vapor sampling probes in borings locations SV-1 through SV-11.

Upon confirmation that the SoCal Gas Company service line was still closed and locked-out since 2018, Stantec installed soil vapor probes at six locations (SV-6 through SV-11) near the gas pipeline with soil vapor probes placed at 5 feet, 10 feet, and 20 feet below bgs on July 16, 2020.

The methane concentrations in the soil vapor probes located near the gas pipeline were measured 2 hours after installation, and then approximately one week later, and ranged between 7,000 ppmv (0.7% by volume) and 66,000 ppmv (6.6 % by volume), with the highest concentration reported in soil vapor probe SV-6 at a depth of 5 feet bgs. The reported concentration did show a decrease in concentration since detection occurred by Hillmann in 2015 and FRE in 2018. However, the concentration detected by Stantec still represented a concern to site development for residential purposes.

To evaluate potential options to reduce the methane concentrations in the subsurface, Stantec conducted a limited pilot test involving excavation of the methane impacted soils. This pilot study was conducted on September 17 and 18, 2020. Stantec provided oversight and air monitoring during the excavation of a 25-foot-wide, 40 feet long and 15 feet deep area to evaluate methane concentration reductions in the soil after excavation. The remedial excavation was located southwest of the natural gas pipeline in the area with the highest methane concentrations reported in the Stantec July 2020 site assessment. The existing soil vapor probes SV-6 through SV-10 were utilized to monitor methane concentrations within the surrounding undisturbed soil during and after the remedial excavation.

Stantec monitored the methane concentrations in the soil vapor probes surrounding the excavation during and after the remedial activities. The vapor probes detected a reduction in methane concentrations in the surrounding soil, but still at elevated levels.

During the excavation process, a three-inch-thick concrete layer was encountered approximately two to three feet bgs across the entire excavation area. Below the concrete layer, Stantec encountered soil consisting of several thin dark silt and clay layers interbedded within the grayish green sand throughout the maximum depth of the excavation of about 15 feet bgs. The excavated soil was field screened, during the excavation and stockpile process, for methane and volatile organic compounds (VOCs) in accordance with SCAQMD Rule 1166, using a GEM 2000 Plus and photoionization detector (PID), respectively. Soil monitoring performed during the excavation reported no measurable concentrations of methane in any of the field readings (i.e. 0.0 % by volume) and VOCs at less than 0.2 ppmv, well below the SCAQMD Rule 1166 permit requirements of 50 ppmv.

All excavated soil was placed on the existing asphalt parking lot near the excavation area. The stockpile was periodically moistened to suppress dust. The final stockpile measured approximately 40 feet wide, 80 feet long and 6 feet high. Upon completion of the remedial excavation, four soil vapor test probes (TR-1 through TP-4) were installed four feet into the stockpile to monitor methane concentrations in the excavated material. Approximately two weeks after the completion of the remedial excavation, no methane (0%) was reported in the four soil vapor test probes installed within the stockpile. The results of the pilot test reported that the excavation process did appear to mitigate the methane detected in the subsurface.

The concentrations of methane in the soil vapor probes (SV-6 through) located in the surrounding undisturbed soil adjacent to the test excavation were reported at 19,000 ppmv to 48,000 ppmv at the end of this limited remedial excavation. Based on the non-detectable methane concentrations (0.0%) in the western, southeast, and northeast corner of the site, the area with elevated methane in the soil appeared to be limited to the eastern-central area of the Property, centrally located between the snack bar, maintenance building, and northeast corner of the Property (Figure 3).

Trenching and Test Pits

In July 2020, during the same time as Stantec's initial methane assessment described above, trenching and Test Pits activities were performed in the eastern-central area of the Property, centrally located between the snack bar, maintenance building, and northeast corner of the Property where the natural gas line was reported, and areas of visibly stained soil were report by the prior site assessments. Stantec trenched alongside the gas line to evaluate the extent of impact soil in these areas and evaluate the potential natural gas leak suspected by Hillmann. Field screening was performed during the trenching activities and twenty (20) soil samples were collected at various Test Pit locations and depths. These soil samples were analyzed for total petroleum hydrocarbons (TPH) by EPA Test Method 8015B. The ten (10) soil samples with the highest TPH results or field screening reading were analyzed for VOCs.

No detections of TPH as gasoline range organics (GRO) or volatile organic compounds (VOCs) were detected above the laboratory reporting limits in of the soil samples (*i.e.* all samples were "non-detect") submitted for laboratory analysis, with the exception of one minor detection of naphthalene at 0.0093 mg/kg in Test Pit Row #3 soil sample TPT-3-200'. The detection of naphthalene is below the residential environmental screening level (ESL) of 0.042 mg/kg.

TPH as diesel range organics (DRO) and TPH as oil range organics (ORO) were detected in Test Pit Row #2 at 120 and 570 mg/kg respectively in soil sample TPT-3-0' and at 570 and 2,400 mg/kg in soil sample

TPT-3-200’. The TPH-DRO and TPH-ORO concentrations from TPT-3-200’ are above the ESL for residential land use of 260 and 1,600 mg/kg.

Upon completion of the soil analysis and testing, the soil was pushed back into the trenches and test pits and wheel-rolled for compaction. Soil removal for this de minimus area near TPT-3-200’ and proper re-compaction of these areas trenches, and Test Pit will be conducted during the development grading.

Adjacent Dry Cleaners and Groundwater Plume

Minor concentrations of VOCs in soil vapor were reported in July 2020, including methylene chloride; carbon disulfide; toluene; xylenes; 4-ethyltoluene; 1,3,5- Trimethylbenzene (TMB); 1,2,4-TMB; and 1,1,1-Trichloroethane (TCA) detected throughout the Property at concentrations below regulatory screening levels for residential uses.

Shallow soil vapor samples collected from the 5-feet interval showed detections of benzene at 16 and 18 micrograms per cubic meter (ug/m3) in soil vapor samples SV-3-5 and SV-6-5, respectively. Trichloroethene (TCE) and ethylbenzene were detected at 52 and 110 ug/m3 in soil vapor sample SV-3-5, respectively. Tetrachloroethene (PCE) was detected at 22 and 69 ug/m3 in soil vapor samples SV-1-5 and SV-3-5. The detected concentrations were above the RSL using an attenuation factor of 0.03, which is currently applied by the appropriate regulatory agency for vapor intrusion (VI) screening purposes. However, these concentrations are below the Residential Screening Level (RSL) for Soil Vapor using Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3 with an attenuation factor of 0.001 used by DTSC to evaluate risk.

Historical Agricultural Use

Stantec collected three composite soil samples (Comp-1, Comp-2, and Comp-3) from the 0.5-foot interval and the 3-feet interval on July 15, 2021. The shallow soil samples were analyzed for Organochlorine Pesticides (OCPs) by EPA Test Method 8081A and arsenic and lead by EPA Test Method 6010B.

Organochlorine pesticides (4,4’-DDE, alpha-Chlordane, Chlordane, and dieldrin) were detected at minor concentrations that are below their respective DTSC HERO Note 3 screening level and EPA RSL for residential land use. Additionally, the cumulative concentrations are below the California Hazardous Waste Level for these compounds. These soil results are summarized on Table 6.

All detected metals concentrations were within typical naturally occurring California background concentration ranges, and do not exceed DTSC HERO Note 3 or EPA RSLs for residential use. Arsenic was detected at concentrations ranging from 4.8 to 9.8 mg/kg, which are within the Southern California regional background range of 0.6 to 11 mg/kg. Lead was detected at concentrations ranging from 4.9 to 35 mg/kg which are below the DTSC HERO Note 3 screening level of 80 mg/kg. Based on the composite soil samples results, historical agricultural use does not represent an environmental concern and no further investigation appears warranted related to these issues.

Demo Activities March – July 2001

To eliminate the potential of vandalism and squatting of vacant structures, the property owner secured a demolition permit to remove the snack bar area structures, and maintenance building located in the southeast corner of the Property and locked-out natural gas line along with a three-inch-thick concrete layer located two to three feet bgs adjacent to the buildings.

On March 16, 2021, during the removal of the three-inch thick concrete layer an abandoned Underground Storage Tank (UST) was discovered northeast of the natural gas line. Soil samples were collected at both end of the UST to a depth of 10 feet below the invent of the tank and analyzed for TPH and VOC by EPA Test Method 8015 and 8260B, respectively. TPH-GRO, TPH-DRO, and TPH-ORO were not reported above the laboratory reporting limit in any of the six soil samples. Trace amounts of VOCs including, 1,2,4-Trimethylbenzene (TMB). 1,3,5-TMB, ethylbenzene, and naphthalene were reported in two of the soil samples collected beneath the UST. The reported VOCs were slightly above the laboratory reporting limits and orders of magnitude below their corresponding residential screening limits. Given that the UST was completely empty, and the recent soil sample result collected directly below the tank indicated no release had occurred that exceed current cleanup requirements, the City of South El Monte approved removal of the UST under the existing demo permit on April 19, 2021. No additional investigation or assessment pertaining to the UST was required by the City of South El Monte.

It should be noted that, several historical record searches have been performed over the years for the Property and no evidence of any past or present USTs were reported in these prior reports. Given that the UST, located in the area of the former residences on the eastern portion of the Property was excavated as part of the demo activities, the likelihood of additional USTs being discovered during future grading activities is significantly decreased. A Soil Management Plan (SMP) should be created and distributed to the grading contractor to inform them of the proper guidelines should another USTs be discovered during grading.

At the completion of the demolition activities, Stantec advanced fifteen (15) soil vapor points throughout the eastern-central area to evaluate the remaining methane concentrations at the Property (Figure 3). Over the span of four months between March 19 and July 19, 2021, methane concentrations decreased from a high of 5.0% by volume in soil vapor probe SB31 on March 22, 2021, to less than the reporting limit of 0.0% by July 19, 2021, in all post-demo soil vapor probes across the eastern-central area of the Property.

In general, significant methane concentrations were only reported in the eastern-central area of the Property and methane concentrations experienced a decreasing trend through the demo activities of the asphalt cover and three-inch thick concrete layer as they were removed from the eastern-central area of the Property. Final readings collected in July of 2021 reported nonreportable levels of methane within the eastern-central area of the Property (**Table 2**). Based on the final results of combustible gas survey completed at the eastern-central area as of July 2021 along with the prior methane readings in the soil vapor probes in the remaining areas of the Property, no methane was detected at the Property. Since methane levels were not found above typical levels of concern (generally considered to be 0.5%, or 5,000 ppmV methane), Stantec recommends no further assessment regarding methane be required.

Summary
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We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527 of 2540 Rosemead Boulevard, South El Monte, California 91733, or the “Property”. Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed the following evidence of recognized environmental conditions (RECs) in connection with the Property:

- **San Gabriel Valley Groundwater Plume**. The Property lies within Area 1 of the San Gabriel Valley Regional Groundwater Superfund plume. The groundwater in this area is contaminated with elevated levels of PCE, TCE, carbon tetrachloride, and other VOCs from multiple point sources within the San Gabriel Valley. Because groundwater in this area of the Property is reported at approximately 50 feet bgs, Stantec initially identified this plume as a REC due to the potential for elevated soil vapor concentrations to exist beneath the site. That issue no longer appears to be a significant concern, given the low levels of detected VOC concentrations in soil vapor; however, Stantec recommends either soil vapor barriers be installed, or a post grading soil vapor survey be performed in connection with future development to confirm the absence of elevated soil vapor concentrations. In addition, due to the fact that the responsible parties have been identified and are addressing the contamination, as well as the lack of evidence that the site operations have contributed to any of the groundwater contamination, the Property owner is not likely liable for cleanup of the Superfund plume.

The following items of note were identified during this assessment:

- **Methane.** In general, significant methane concentrations were only reported in the eastern-central area of the Property and methane concentrations experienced a decreasing trend through the demolition activities of the asphalt cover and three-inch thick concrete layer as they were removed from the eastern-central area of the Property. Final readings collected in July of 2021 reported nonreportable levels of methane within the eastern-central area of the Property (Table 2). Based on the final results of combustible gas survey completed at the eastern-central area as of July 2021 along with the prior methane readings in the soil vapor probes in the remaining areas of the Property, no methane was detected at the Property. Since methane levels were not found above levels of concern (generally considered to be 0.5%, or 5,000 ppmV methane), methane is not a concern at the Property, and Stantec recommends no further assessment be conducted regarding methane.

The preceding summary is intended for informational purposes only. Reading of the full body of this report is recommended.

2.0 INTRODUCTION

The objective of this Phase I ESA was to perform All Appropriate Inquiry (AAI) into the past ownership and uses of the Property consistent with good commercial or customary practice as outlined by the ASTM in "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", Designation E1527-13. "All Appropriate Inquiry" (AAI) is the process for evaluating a property's environmental conditions for the purpose of qualifying for landowner liability protections under CERCLA. following final rule of Part 312 of Title 40, Code of Federal Regulations (40 CFR Part 312). The purpose of this Phase I ESA was to identify, to the extent feasible, adverse environmental conditions including recognized environmental conditions ("RECs") of the Property.

The ASTM E1527-13 standard indicates that the purpose of the Phase I ESA is to identify RECs, including historical recognized environmental conditions ("HRECs"), and controlled recognized environmental conditions ("CRECs") that may exist at a property. The term "recognized environmental conditions" means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property:

1. Due to any release to the environment;
2. Under conditions indicative of a release to the environment; or
3. Under conditions that pose a material threat of a future release to the environment.

ASTM defines a "HREC" as a REC that has occurred in connection with a property, but has been addressed to the satisfaction of the applicable regulatory authority and meets current unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the environmental professional (EP) must determine whether the past release is a REC when the current Phase I ESA is conducted (e.g., if there has been a change in the regulations). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC.

ASTM defines a "CREC" as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), but with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls).

As defined by ASTM, RECs can include hazardous substances or petroleum products present under conditions in compliance with laws if that presence represents a material threat of future release. The presence of hazardous substances or petroleum products is, however, not a REC if that presence is a *de minimis* condition. De minimis conditions are minor occurrences of contamination that generally do not present a material risk to human health and would not likely be subject to enforcement action if brought to the attention of governmental agencies.

The scope of work conducted during this Phase I ESA consisted of a visual reconnaissance of the Property, interviews with key individuals, and review of reasonably ascertainable documents. The scope of work did not include an assessment for environmental regulatory compliance of any facility ever operated at the Property (past or present), or sampling and analyzing of environmental media. Stantec was not contracted to perform an independent evaluation of the purchase or lease price of the Property and its relationship to current fair market value. The conclusions presented in this Phase I ESA report are professional opinions based on data described herein. The opinions are subject to the limitations described in Section 2.3.

ASTM E1527-13 notes that the availability of record information varies from source to source. The User or Environmental Professional is not obligated to identify, obtain, or review every possible source that might exist with respect to a property. Instead, ASTM identifies record information that is reasonably ascertainable from standard sources. “Reasonably ascertainable” means:

1. Information that is publicly available;
2. Information that is obtainable from its source within reasonable time and cost constraints; and
3. Information that is practicably reviewable.

2.1 PROPERTY DESCRIPTION

The Property consists of three parcels APN 8102-037-020, -022 and -024 identified as 2540 Rosemead Boulevard, in the city of South El Monte, county of Los Angeles, California. The Property is located to the east of Rosemead Boulevard and zoned for Recreational – Theater use. The Property is currently vacant and was formerly operated by the Starlite Swap Meet, a residence, and Master Designs Furniture. According to the Los Angeles County Assessor Map online database, the Property totals to approximately 17.37 acres. The Property is located in a suburban area characterized by industrial properties and residences. The terrain of the Property appeared to be generally sloping to the west. The terrain at the western portion of the Property is irregular as is characteristic of a drive-in theater. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

2.2 SPECIAL TERMS, CONDITIONS, AND SIGNIFICANT ASSUMPTIONS

There were no special terms, conditions, or significant assumptions associated with this Phase I ESA.

2.3 EXCEPTIONS AND LIMITING CONDITIONS

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided and given the schedule and budget constraints established by the client. No other representations, warranties, or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential and actual liabilities and conditions associated with the Property.

This report provides an evaluation of selected environmental conditions associated with the Property that was assessed at the time the work was conducted and is based on information obtained by and/or provided

to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been reviewed and evaluated by Stantec for its thoroughness and accuracy. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report and are based solely on the scope of work described in the report, the limited data available, and the results of the work. They are not a certification of the property's environmental condition.

This report relates solely to the specific project for which Stantec was retained and the stated purpose for which this report was prepared and shall not be used or relied upon by client for any variation or extension of this project, any other project, or any other purpose.

This report has been prepared for the exclusive use of the client identified herein and any use of or reliance on this report by any third party is prohibited, except as may be consented to in writing by Stantec or as required by law. The provision of any such consent is at Stantec's sole and unfettered discretion and will only be authorized pursuant to the conditions of Stantec's standard form reliance letter. Stantec assumes no responsibility for losses, damages, liabilities, or claims, howsoever arising, from third party use of this report.

Project Specific limiting conditions are provided in Section 2.2.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures, are not guaranteed. Before starting site work, the exact location of all such utilities and structures must be confirmed by the client and the party performing the work, and Stantec assumes no liability resulting from damage to such utilities and structures.

The conclusions are based on the conditions encountered at the Property by Stantec at the time the work was conducted. Factors such as areas of potential concern identified in previous studies, site conditions (e.g., utilities), and cost may have constrained the testing and/or sampling locations used in this assessment. In addition, analysis has been carried out for only a limited number of chemical parameters, and it should not be inferred that other chemical species are not present. Due to the nature of the investigation and the limited data available, Stantec does not warrant against undiscovered environmental liabilities nor that the testing and/or sampling results are indicative of the condition of the entire Property.

As the purpose of this report is to identify Property conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the Property is beyond the scope of this assessment.

The findings, observations, and conclusions expressed by Stantec in this report are not an opinion concerning the compliance of any past or present owner or operator of the Property which is the subject of this report with any Federal, state, provincial or local law or regulation.

This report presents professional opinions and findings of a scientific and technical nature. It does not and shall not be construed to offer a legal opinion or representations as to the requirements of, nor compliance

with, environmental laws, rules, regulations or policies of Federal, state, provincial or local governmental agencies. It is recommended that issues raised by the report should be reviewed for the client by its legal counsel.

Stantec specifically disclaims any responsibility to update the conclusions in this report if new or different information later becomes available or if the conditions or activities on the property subsequently change.

2.4 PERSONNEL QUALIFICATIONS

This Phase I ESA was conducted by, or under the supervision of, an individual that meets the ASTM definition of an Environmental Professional (EP). The credentials of the EP and other key Stantec personnel involved in conducting this Phase I ESA are provided in Appendix B.

3.0 USER-PROVIDED INFORMATION

ASTM E1527-13 describes responsibilities of the User to complete certain tasks in connection with the performance of "All Appropriate Inquiries" into the Property. The ASTM standard requires that the Environmental Professional request information from the User on the results of those tasks because that information can assist in the identification of RECs, CRECs, HRECs, or de minimis conditions in connection with the Property. Towards that end, Stantec requested that the User provide the following documents and information:

Description of Information	Provided (Yes / No)	Description and/or Key Findings
User Questionnaire and/or Interview	Yes	The User stated that previous environmental testing noted methane in the soil at the Property.
Environmental Liens or Activity Use Limitations	No	No environmental liens or activity use limitations were identified in the Preliminary Title Report provided by First American Title Company dated May 28, 2020. A copy of the preliminary title report is provided in Appendix C.
Previous Environmental Permits or Reports Provided by User	Yes	Previous reports associated with the Property are summarized in Section 4.4.6.
Purpose of the Phase I ESA	Yes	Due Diligence

Stantec forwarded the ASTM recommended User Questionnaire to Ms. Monica Tsai, Property Manager with California T.C. Group, L.P. The completed User Questionnaire returned to us by Mr. Mazler included in Appendix C.

1. Information on Environmental Cleanup Liens on Subject Property? **No**
2. Information on Subject Property Activity or Use Limitations (including Institutional and Engineering Controls)? **No**
3. Specialized knowledge or experience of the User: **No**
4. Relationship of the purchase price/rent to fair market value of the Subject Property if it were not contaminated? **Does not believe purchase price has been reduced from fair market value.**
5. Commonly known or reasonably ascertainable information about the Subject Property? **The Property past uses include a drive-in movie theater and swap meet.**
6. The degree of obviousness or the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation? **Previous environmental testing noted methane in the soil.**

The User provided information is included in Appendix C.

4.0 RECORDS REVIEW

The objective of consulting historical sources of information is to develop the history of the Property and surrounding area and evaluate if past uses may have resulted in RECs. Physical setting records are evaluated to determine if the physical setting may have contributed to adverse environmental conditions in connection with the Property. During the review of historical records, Stantec attempted to identify uses of the Property from the present to the first developed use of the Property. Stantec's research included the reasonably ascertainable and useful records described in this section.

4.1 PHYSICAL SETTING

A summary of the physical setting of the Property is provided in the table below with additional details in the following subsections

Topography:	The Property is at an average elevation of approximately 244 feet above mean sea level (msl) with a general topographic gradient to the west-southwest (EDR, 2021).
Soil/Bedrock Data:	According to a Limited Soil Investigation conducted by Stantec in November of 2020, the Property soil is characterized by layers of sandy, gravelly, and clayey deposits to 20 feet below ground surface (bgs) (Stantec, 2020).
Estimated Depth to Groundwater/ Estimated Direction of Gradient:	According to a 2017 remedial action report for a former Texaco station approximately 1700 feet to the northwest, groundwater in the vicinity of the Property is encountered at approximately 28-40 feet (bgs) with a flow to the southeast (Geotracker, 2021).
NOTE: Site-specific groundwater flow direction and depth can only be determined by conducting site-specific testing, which Stantec has not conducted.	

4.1.1 Property Topography and Surface Water Flow

The Property is at an average elevation of approximately 244 feet above mean sea level (msl) with a general topographic gradient to the west-southwest (EDR, 2020). Based on the topography, surface water on the Property infiltrates the ground surface in unpaved areas or flows over hardscaped surfaces toward the curb and gutter system along Chico Avenue.

The nearest surface body of water is the Rio Hondo River located approximately ½ mile to the west.

4.1.2 Regional and Property Geology

The Property is located in the San Gabriel Valley within the vicinity of the Whittier Narrows. Published geologic maps (USGS, 2005) show that surficial deposits within the vicinity of the Property consist of a late

Holocene, unconsolidated gravel, sand and silt in active or recently active streambeds. Deposits are primarily stream deposited, but also include some debris flow deposits.

According to a Limited Soil Investigation conducted by Stantec in November of 2020, the Property soil is characterized by layers of sandy, gravelly, and clayey deposits to 20 feet below ground surface (bgs) (Stantec, 2020).

The closest mapped fault is the East Montebello Fault located approximately 1.5 miles southwest of the Property (CGS, 2010). According to official maps of California, the Property is not located within an Alquist-Priolo (AP) Earthquake Fault Zone boundary, but it is located within a liquefaction zone (CGS, 2019).

4.1.3 Regional and Property Hydrogeology

The Property is located in the Montebello Forebay area in the Whittier Narrows, drainage from the San Gabriel Valley is primarily through the Whittier Narrows via the Rio Hondo and San Gabriel Rivers (CRA, 2011). The Property is located approximately 2.5 miles north of the Whittier Narrows Flood Control Basin and Dam.

Hydrogeologic information obtained from boring advancement at a nearby property shows that groundwater is encountered at approximately 24 and 38 feet bgs with a groundwater flow direction generally towards the southeast (CRA, 2011).

4.2 FEDERAL, STATE AND TRIBAL ENVIRONMENTAL RECORDS

A regulatory agency database search report was obtained from Environmental Data Resources, a third-party environmental database search firm. A complete copy of the database search report, including the date the report was prepared, the date the information was last updated, and the definition of databases searched, is provided in Appendix D.

Stantec evaluated the information listed within the database relative to potential impact to the Property, assessing the potential for impacts based in part on the physical setting. As part of this process, inferences have been made regarding the likely groundwater flow direction at or near the Property. As described in 4.1.3, the inferred shallow groundwater flow direction is likely to be in the west. Observations about the Property and surrounding properties made during the Property reconnaissance are provided in more detail in Section 5.

4.2.1 Listings for Property

The Property was not identified in the EDR database report.

4.2.2 Listings for Nearby Sites with Potential to Impact Property

Stantec assessed data presented in the environmental agency database search report to evaluate the potential for conditions on adjacent and nearby sites to pose a REC, CREC, or HREC for the Property. The evaluation included an opinion of the potential for contamination by hazardous substances or petroleum

products to migrate to the Property from a nearby property, including by vapor migration or encroachment (i.e., potential for a vapor encroachment condition [VEC].

Based on this evaluation, the following individual facilities were identified as the most likely potential sources of impact to the Property. The basis for why each of the following listed databases creates a REC for the property is also provided.

Listed Facility Name/Address	**Database Listing**	**Distance/Direction from Property**	**REC? (YES / NO)**
Sam Gabriel Valley (Area 1) Peck Road & Real El Monte, CA 91733	CA AOCONCERN; NPL, SEMS, US ENG Control, ROD, PRP; CONSENT; FINDS; ECHO	Beneath Target Property	Yes
San Gabriel Valley (Area 1) is a regional groundwater plume but a listed location of Peck Road and Real (i.e. Calle Real). Environmental investigations have been ongoing since 1979 when VOCs in groundwater were first discovered. It is believed that there are several contributors of this regional contamination, and the EPA is still in the process of naming responsible parties. The San Gabriel Valley (Area 1) groundwater plume underlies the site and spans an area of 4 miles in length and 1.5 miles in width. The groundwater within the area of the site is reportedly contaminated with tetrachloroethylene (PCE), trichloroethylene (TCE), and carbon tetrachloride (CTC) from industrial activities involving degreasing, metal cleaning, or other solvent related activities. These solvents were likely to have been release from on-site disposal activities, poor housekeeping practices, piping leaks, or by other means. According to the EDR report, certain municipal wells within the plume reported PCE, TCE, and CTC concentrations so severe that those wells had to be put out of commission. Groundwater obtained from less severely contaminated wells is treated to ensure that the public receives water with PCE, TCE, and CTC concentrations below California Maximum Contaminant Levels (MCLs). The Property lies within Area 1 of the San Gabriel Valley Regional Groundwater Superfund plume. Given that groundwater in the vicinity of the Property is reported at approximately 50 feet below ground surface (bgs), the regional groundwater contamination plume is identified as a REC due to the potential for impact to soil vapor to present a health risk concern. Stantec recommends that soil vapor survey be performed at the Property to evaluate whether VOC concentrations in soil vapor are above health risk screening criteria for residential use. Stantec performed a limited subsurface investigation to evaluate this listing for potential impact to the Site. Details and findings from this investigation are provided in Section 6.0. The Property lies within Area 1 of the San Gabriel Valley Regional Groundwater Superfund plume. The groundwater in this area is contaminated with elevated levels of PCE, TCE, carbon tetrachloride (CT), and other VOCs from multiple point sources within the San Gabriel Valley. Due to groundwater in this area of the Property reported at approximately 50 feet bgs, Stantec initially identified this plume as a REC due to the potential for elevated soil vapor concentrations to exist beneath the site. That issue no longer appears to be a significant concern, given the low levels of detected VOC concentrations in soil vapor; however, Stantec does recommend soil vapor barriers, or a post grading soil vapor survey and health risk assessment be performed in connection with future development to validate this conclusion. In addition, the potential for cleanup liability also exists, but is mitigated due to the fact that the responsible parties have been identified and are addressing the contamination, as			

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
well as the lack of evidence that the site operations have contributed to any of the groundwater contamination. .			
Bright-Way Laundry 2622 Chico Avenue El Monte, CA 91733	HIST UST, HIST WIP, EDR US Historical Cleaners	Approximately 265 feet/ northeast	No
The EDR US Historical Cleaners database lists the former cleaners as being located at 2622 Chico Avenue in 1999 and the HIST UST database indicates that a UST containing "waste" was historically registered at the Property. There is no release reported in the EDR from the historical UST. The HIST WIP listing indicates that 2622 Chico Avenue was included in the basin wide assessment that was coordinated by the Regional Water Quality Control Board to name responsible parties for the groundwater San Gabriel Valley (Area 1) groundwater contamination plume. Further discussion regarding regional groundwater contamination is provided in Section 4.2.2. The fact that the Property is listed as a historical WIP site and because it is not listed in any of the databases that indicate a release (i.e. SLIC, LUST, ENVIROSTOR) the Property was not found to be a contributor to the regional groundwater contamination. Although the 2622 Chico Avenue address was not listed as a responsible party to the regional groundwater contamination, a release still could have occurred from the former cleaners that could represent an environmental concern if the land use were to change to residential. Therefore, the presence of the historical dry cleaner with a registered UST was considered a REC. Stantec recommended that a subsurface assessment be performed at the Property (2622 Chico Avenue) to evaluate potential impacts to soil and soil vapor from the former cleaners and UST. Due to groundwater in this area of the Site reported at approximately 50 feet bgs, Stantec initially identified this facility as a REC due to the potential for elevated soil vapor concentrations to exist beneath the Site. That issue no longer appears to be a concern, given the low levels of detected VOC concentrations in soil vapor during previous subsurface investigations performed at the Property, therefore no longer identified as a REC to the Site. Details and findings from this investigation are provided in Section 6.0.			
Eldon Drapery Cleaners 2461 Chico Avenue El Monte, CA 91733	DRYCLEANERS; WIP; HWTS; EDR Hist Cleaner	Approximately 100 feet/ southeast	No
This facility is located within 100 feet south of the Property boundary (Parcels 9 and 10 - 2540 Rosemead Blvd). No releases have been reported for this facility. However, the presence of this dry cleaner was considered a REC due to the potential for unknown releases to have occurred that would present a potential vapor migration issue at the Property. Stantec recommended that soil vapor samples be collected along the Property line adjacent to this facility to evaluate whether VOC concentrations in soil vapor are above health risk screening criteria for residential use. Due to groundwater in this area of the Site reported at approximately 50 feet bgs, Stantec initially identified this facility as a REC due to the potential for elevated soil vapor concentrations to exist beneath the Site. That issue no longer appears to be a concern, given the low levels of detected VOC			

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
concentrations in soil vapor during previous subsurface investigations performed at the Property, therefore no longer identified as a REC to the Site. Details and findings from this investigation are provided in Section 6.0.			
Champ Corp. 2500 Rosemead Blvd El Monte, CA 91733	LUST; Cortese; HIST CORTESE; CERS	Approximately 315 feet/ west-southwest	No
This facility is listed in the LUST and HIST CORTESE databases. The LUST database indicates that a release of gasoline to soil occurred at this facility. No information regarding remedial activities are provided in the EDR report. However, the Regional Water Quality Control Board (RWQCB) issued closure for this release on June 18, 1996. Although the impact appears to be to the soil only, no soil vapor data or samples have been collected along the Property boundary. Therefore, this facility is considered a REC. Stantec recommends that soil vapor samples be collected along the Property line adjacent to this facility to evaluate whether VOC concentrations in soil vapor are above health risk screening criteria for residential use. Due to groundwater in this area of the Site reported at approximately 50 feet bgs, Stantec initially identified this facility as a REC due to the potential for elevated soil vapor concentrations to exist beneath the Site. That issue no longer appears to be a concern, given the low levels of detected VOC concentrations in soil vapor during previous subsurface investigations performed at the Property. Details and findings from this investigation are provided in Section 6.0.			
General Enameling Co / 2463 Chico Ave; American General Bus /2430 Chico Avenue; Raypack, Inc / 2416 Chico Avenue; Monterey Caskett Co / 2404 Chico Ave; M&T / 2500 Rosemead Blvd; Hooter Bros Enamelin / 2460 Rosemead Blvd; Silver Streak Traile / 2319 Chico Ave; Hyde Engineering / 2428 Rosemead Blvd	SLIC, WIP	< 1/8 mile southeast and southwest of the Property	No
The above facilities are all located within 1/8 of a mile from the southern Property boundary (Parcels 9 and 10 – 2540 Rosemead Blvd). Each of the eight facilities listed have reported a release of chlorinated solvents that affected groundwater below their respective properties. Of the eight listings, four have received case closure from the RWQCB. Two of the listed SLIC facilities M&T and Hooter Bros Enamelin are located adjacent to the southwest of the Property. The remaining SLIC facilities are located further to the southwest and southeast but are at a density such that combined effects of these releases could present a vapor migration potential. As a result, the SLIC facilities located within 1/8 of a mile are considered an REC. Stantec recommends that the soil vapor survey previously recommended to evaluate impacts from regional groundwater contamination also include assessment of soil vapor impacts in the southwest and southeast portions of Parcels 9 and 10 (2540 Rosemead Blvd).			

<table>
<tr><th>Listed Facility Name/Address</th><th>Database Listing</th><th>Distance/Direction from Property</th><th>REC? (YES / NO)</th></tr>
<tr><td colspan="4">Due to groundwater in this area of the Site reported at approximately 50 feet bgs, Stantec initially identified this facility as a REC due to the potential for elevated soil vapor concentrations to exist beneath the Site. That issue no longer appears to be a concern, given the low levels of detected VOC concentrations in soil vapor during previous subsurface investigations performed at the Property, therefore no longer identified as a REC to the Site. Details and findings from this investigation are provided in Section 6.0.</td></tr>
<tr><td>Vansco
2652 Lashbrook Avenue
El Monte, CA 91733</td><td>SLIPC, WIP</td><td>Approximately 450 feet/ northwest</td><td>No</td></tr>
<tr><td colspan="4">This facility is listed in the EDR report under the SLIC and WIP databases for a release that affected the aquifer used for drinking water. Under the SLIC database the facility status is listed as “Open – Inactive” as of October 29, 2014. This facility is the sole up-gradient release site within 1/8 of a mile from the Property and is approximately 450 feet northwest of the Property. Due to distance from the Property, this facility is considered unlikely to represent an environmental concern and no further assessment is recommended.</td></tr>
<tr><td>Various properties</td><td>WIP</td><td><1/8 mile</td><td>No</td></tr>
<tr><td colspan="4">As mentioned in Section 4.2.1, the Property and surrounding area lies within Area 1 of the San Gabriel Valley Regional Groundwater Superfund plume. The groundwater in this area is contaminated with elevated levels of PCE, TCE, CT, and other VOCs from multiple point sources within the San Gabriel Valley. In order to seek out and name responsible parties for the groundwater contamination, the RWQCB created and oversaw the WIP program that included a basin wide assessment of groundwater at various industrial properties based on past industrial uses. Inclusion in the WIP database on its own does not constitute an REC. The WIP is simply a listing of sites were groundwater assessment occurred under RWQCB oversight.</td></tr>
<tr><td>Coast Michinery Move / 2431 Chico Ave; Coit Drapery Cleaner / 2411 Chico Ave; Sunset Ladder Co / 2526 Rosemead Blvd; M&T / 2500 Rosemead Blvd</td><td>HIST UST, SWEEPS UST</td><td>< 1/8 mile from the Property</td><td>No</td></tr>
<tr><td colspan="4">The above facilities are all located within 1/8 of a mile from the Property boundary. Each of the four facilities listed have had, or still have, registered USTs. Of the four listings, only M&T is reported to have had a release. Recommendations related to M&T were discussed previously. There are no reported releases associated with the remaining listings within 1/8 of a mile. As a result, no further investigation is recommended.</td></tr>
</table>

The remaining listings in the database search report provided in Appendix D do not constitute a potential REC for the Property.

4.3 LOCAL/REGIONAL ENVIRONMENTAL RECORDS

Stantec checked the following sources to obtain information pertaining to Property use and/or indications of RECs in connection with the Property:

4.3.1 Los Angeles County Fire Department

Agency Name Contact Information	Finding
Los Angeles County Fire Department 1320 N. Eastern Ave Los Angeles, CA 90063 (323) 881-2411 info@fire.lacounty.gov	According to an email dated July 28, 2021, from the Los Angeles County Fire Department, there are no records for the Property address via records request H039647-072821. Additionally, there are no records listed in the LACFD Site Mitigation, CALARP, or CUPA Facility Active and Inactive databases.

4.3.2 Los Angeles County Department of Public Works

Agency Name Contact Information	Finding
Los Angeles County Department of Public Works (DPW) Environmental Programs Division UST Program 900 South Fremont Avenue, 3rd Floor Alhambra, California Tel: (626) 458-3517 https://dpw.lacounty.gov/epd/swims/ Online Services/search-methane-hazards-esri.aspx	Stantec researched the Solid Waste Management System database managed by this agency to determine if methane mitigation is required for the Property. According to this database, the Property is not within 300 feet of an oil or gas well. According to an email dated July 28, 2021, from Mr. Phillip Gharibians, LADPW Program Manager, there are no records for the Property.

4.3.3 City of South El Monte

Agency Name, Contact Information	Findings
City of South El Monte 1415 Santa Anita Avenue South El Monte, CA 91733	The City of South El Monte provided building permit applications and occupancy permit applications. No records of environmental significance were observed. A copy of the records provided in included in Appendix F.

4.3.4 Department of Toxic Substances Control (DTSC)

Agency Name, Contact Information	Findings
Department of Toxic Substance Control 5796 Corporate Avenue Cypress, California 90630 Online Database: https://www.envirostor.dtsc.ca.gov/public/	On July 28, 2021, Stantec searched for available records provided by the California DTSCs online database Envirostor. According to the database, there are no records found for the Subject Property.

4.3.5 Regional Water Quality Control Board

Agency Name, Contact Information	Findings
Regional Water Quality Control Board (RWQCB) – Los Angeles Region 320 West 4th Street, Suite 200 Los Angeles, CA 90013 Accessed July 9, 2020 Online database: https://geotracker.waterboards.ca.gov/	On July 28, 2021, Stantec searched for available records provided by the RWQCB's online database Geotracker. According to the database, there are no records found for the Subject Property. According to an email dated August 5, 2021, from Younga Choi, Associate Governmental Program Analyst, there are no records for the Property.

4.3.6 California Geologic Energy Management Division (CalGEM)

Agency Name, Contact Information	Findings
California Geologic Energy Management Division (CalGEM) Online database: https://www.conservation.ca.gov/calgem	Stantec searched for oil wells on the California Geologic Energy Management Division (CalGEM) online database. Two dry holes are located within a 0.61-mile radius of the Property. One plugged dry hole (API 0403720665) is located approximately 0.68 miles southwest of the Property operated by Harry J. Riskas and a second plugged dry hole (API 0403705790) is located approximately 0.6-miles northwest of the Property operated by Rancho Oil Corp., LTD. Due to the distance and plugged status of the wells, Stantec recommends no further action.

4.4 HISTORICAL RECORDS REVIEW

4.4.1 Land Title Records/Deeds

The Preliminary Title Report provided by First American Title Company dated May 28, 2020, identified the following easements related to the Property:

- An easement for pipelines for the transportation of gas and incidental purposes recorded October 28, 1948, for Southern California Gas Company.
- An easement for pipelines for the transportation of gas and incidental purposes recorded April 6, 1949, for Southern California Gas Company.
- An easement for covered storm drains and appurtenant structures and incidental purposes recorded January 23, 1975 for Los Angeles County Flood Control District.
- An easement for covered storm drains and appurtenant structures and incidental purposes recorded March 21, 1975 for Los Angeles County Flood Control District.

The Preliminary Title Report also identified a deed of trust to secure an original indebtedness of $6,000,000.00 recorded August 4, 1989.

No other land title records were reviewed by Stantec as part of this assessment.

4.4.2 Aerial Photographs

Stantec reviewed historical aerial photographs provided by EDR. The general type of activity on a property and land use changes can often be discerned from the type and layout of structures visible in the photographs. However, specific elements of a facility's operation usually cannot be discerned from aerial photographs alone. The following table summarizes Stantec's observations of the reviewed historical aerial photographs.

Year	Scale	Observations, Property and Adjoining Properties
1928	1:500	The Property is observed as agricultural land with a small structure in the northeast corner of the Property. A road appears adjacent to the east. Surrounding properties appear utilized as agricultural lots as well with
1938	1:500	The Property appears to be utilized for agricultural purposes. Development appears in the southeast corner of the Property. The land adjacent to the north, west, and south appear to be developed for agriculture. Residential development appears west of the Property.
1948	1:500	The Property and land immediately adjacent to the south and northwest appear similar to the previous photograph. The regional area is now mostly developed with residential and commercial structures.
1952, 1964 1977, 1979 1983, 1989 1994, 2002	1:500	The Property appears developed as a drive-in movie theater. Some of the aerial photographs show the movie theater portion of the Property filled with vehicles. A parking lot appears to be developed in the western portion of the Property. The surrounding area is densely developed with residential and commercial structures.
2005, 2009 2012, 2016	1:500	The Property is repurposed from a drive-in theater to a neighborhood swap meet. Multiple vendor canopies are observed throughout the eastern portion of the Property and the entrance visible in the western portion.

Name of aerial photograph source: EDR, 2020

4.4.3 City Directories

Stantec retained a third party to research available reverse city directories for the Property, in approximately five-year intervals.

The following is a summary of Stantec's review of the city directory listings:

Subject/Adjoining Property	Year	Listed Occupants
2540 Rosemead Blvd. Subject Property	1994-2014	Starlite Swap Meet and Starlite Drive In
	2004-2014	Rosemead Drive in
	1976	Brush Div Gould Inc Brush Instruments Division Gould Inc Gould Inch Brush Div Instrument Systems Div Gould Inc
	1980	Chadwich-Helmuth co Inc Arden Dr El Monte
	1985	Chadwich-Helmuth Co Inc Crehan Construction El Monte
	1999	Chadwickhelmuth Co Inc
	2016	Chadwick Helmuijh Co Inc
	2010	All Nations Flower Supplies Floor US
	2014	All Nations Flower Supplies Floor US
2559 Chico Ave. Subject Property	2009	Starlite Swapmeet
	2006	CHUShihjen ORTIZFillberto
	1995	Chu Shih Jen
	1980-1985	Bratcher Ford
9321 Fern St Adjoining Property	2014	A Temp Refrigeration Inc
	1985-2006	Roberts Jilton
9327 Fern St Adjoining Property	2014	Griselda Marquez
	1999-2009	Manuel Lopez
	1999	X Troy Av
9328 Fern St Adjoining Property	2014	Com Century Resources LLC
	1957	Rose Richard E
9329 Fern St Adjoining Property	2006-2014	Blancos Welding Service
	1994-1999	Colonial Artistic Iron Work
	1957-1975	Accurate Machine Products

Subject/Adjoining Property	Year	Listed Occupants
	1966	Kestler Electronics
	1957	Ventura Regulator Co

Additional City Directory information for surrounding properties is provided in Appendix E.

Name of city directories and source: EDR, 2020

4.4.4 Historical Fire Insurance Maps

Fire insurance maps were developed for use by insurance companies to depict facilities, properties, and their uses for many locations throughout the United States. These maps provide information on the history of prior land use and are useful in assessing whether there may be potential environmental contamination on or near the Property. These maps, which have been periodically updated since the late 19th century, often provide valuable insight into historical Property uses.

Stantec requested fire insurance maps from Environmental Data Resources; however, no coverage exists for the Property. The Sanborn® Map Search Report indicating “no coverage” is presented in Appendix E.

4.4.5 Historical Topographic Maps

Stantec reviewed historical USGS 7.5-minute Topographic Maps of the El Monte, Pasadena, Los Angeles, California Quadrangles (scale 1:24,000; 1:62,500) to help identify past Property usage and areas of potential environmental concern.

No RECs were noted during our review of the topographic maps. Copies of the historical maps are provided in Appendix E. The following table summarizes the maps reviewed and our observations.

Year	Scale	Observations, Property and Adjoining Properties
1894 1896 1900	1:62,500	The Property is observed to be vacant along with the surrounding areas. The Lexington Wash, currently named “Rio Hondo River”, is observed to the north of the Property. A railroad line is apparent to the northeast of the Property.
1923 1926	1:24,000	The Property remains undeveloped. Chico Avenue is seen running through the eastern portion of the Property. Development in the surrounding area appears to the northeast and northwest.
1948	1:24,000	The surrounding areas are now densely populated with a mixture of residential and commercial buildings throughout. The subject Property remains undeveloped. The Potrero School is seen north of the Property
1953 1966 1972 1981 1991	1:24,000	The Property is now labeled as a drive-in theater. The El Monte City Boundary is demarcated to the northwest of the Property. Rosemead Boulevard is adjacent to west of the Property.

Year	Scale	Observations, Property and Adjoining Properties
1994		
2012	1:24,000	No site details are depicted. Roadways appear in their current configuration.

Name of maps and source: EDR, 2020

4.4.6 Other Historical Sources

The user provided the following previous reports for the Property:

Phase I Environmental Site Assessment for 2540 Rosemead Boulevard, 2559, 2603, 2610, 2622, 2630, & 2634 Chico Avenue, 2607, 2629, & 2637 Humbert Avenue, South El Monte, CA 91733, Prepared for Warmington Residential CA, prepared by Hillmann Consulting, dated August 6, 2015

Hillman Consulting (Hillmann) prepared a Phase I ESA for the 17.37 acres of land located between Rosemead Boulevard and Chico Avenue identified by the following parcel numbers: 8102-037-020, 8102-037-021, 8102-037-001, 8102-035-017, 8102-029-025, 8102-029-007, 8102-029-006, 8102-029-005, 8102-029-026, 8102-029-019, and 8102-029-020 (subject Property). Historical review of the Property revealed a dry cleaner located 2622 Chico Avenue as well as a regional groundwater and soil gas contamination associated with the San Gabriel Valley Superfund site. During the site reconnaissance of the Property, poor housekeeping was observed within the former maintenance shop structure located in the southeastern portion of the Property. Hillmann identified the above concerns as RECs to the Property. Hillman recommended that a Phase II ESA be completed on the Property to access these RECs.

Supplemental Phase II Subsurface Investigation Report for 2540 Rosemead Boulevard; 2559 & 2603 Chico Street South El Monte, California, Prepared for Warmington Residential CA, prepared by Hillmann Consulting, dated October 5, 2015

To investigate the RECs identified in the Phase I ESA, Hillman conducted a Supplemental Phase II subsurface investigation of the Property. In August of 2015, Hillman advanced 16 soil vapor samples across the site. Results of soil and soil gas sampling indicated one soil sample (B16-2) had moderate levels of oil-range petroleum hydrocarbons (354 mg/kg) that exceeded conservative screening levels for residential settings in California. In addition, methane was detected in one sample that approached the 12,500 ppmV threshold for the maximum mitigation risk as indicated in LADBS guidance. The presence of shallow petroleum hydrocarbon soil contamination and high methane levels along with very low oxygen and high carbon dioxide levels suggest a possible substantial hydrocarbon source in the vicinity of probes SG15 and SG16.

Based on these results, Hillmann completed the second phase of investigation targeted around SG15 and SG16 in September of 2015. Ten additional soil borings were installed, and 28 soil samples were tested for total petroleum hydrocarbons. Results indicated no soil samples analyzed reported significant levels of petroleum hydrocarbon contamination (maximum of 35 mg/kg oil range hydrocarbons and 32 mg/kg diesel range hydrocarbons). However, three of the six additional soil gas probes had high levels of methane. Each exceeded the LADBS Level 5 standard, and the maximum concentration was 620,000 ppmV methane.

Hillman concluded that the source of methane contamination is likely degradation of petroleum hydrocarbon compounds detected in several of the soil samples. However, the high methane levels detected in soil gas did not seem to correlate well with the level of petroleum detected in the soil. Hillman recommended that petroleum hydrocarbon impacted soil should be excavated and removed to eliminate this as a possible source of further methane.

Trench Testing Report, Former Drive-In Theater, 2540 Rosemead Boulevard, Prepared for Warmington Residential CA, Prepared by Hillmann Consulting, dated November 19, 2015

In response to the high methane concentrations, Hillmann installed a trench between probes SG19 and SG20 which measured approximately 12 feet long, 3 feet wide, and 20 feet deep. Hillmann observed the excavation activities and monitored the work area for explosive levels of methane using a Multi-Rae gas detector. The open excavation was also monitored directly for methane and no significant levels were detected. This suggested to Hillmann the off gassing of methane was relatively quick.

On November 10, 2015, existing probes SG6, SG9, and SG11 were sampled and tested for methane and reported a maximum of 28.2 ppmV methane. On November 12, 2015, the trench was backfilled with the original cuttings and soil gas probes were installed between approximately 17 and 18 feet bgs and 7.5 feet bgs in the backfill. Approximately 2 hours after backfilling, each soil gas probe was monitored for pressure and purged. Fixed gases were monitored during the purging process. When methane levels stabilized soil gas samples were collected in a Tedlar bag and submitted for laboratory analysis. Additional soil vapor samples were collected on November 13, 2015.

Analytical results indicate that vapor samples collected two hours after backfilling the trench had 37,000 and 14,5000 ppmV methane and soil gas samples collected 24-hours after backfilling the trench had 66,500 and 28,000 ppmV.

Based on the results Hillmann stated that vapor barriers and a passive or active methane collection and mitigation system beneath each structure will likely be required in the eastern project area and even possibly in portions to the west of the area of impact. Hillmann recommended installation additional shallow and deep vapor probes to further define the zone of impact and provide reasonable delineation of the extent of methane impact. Hillmann also recommended installing a dual-completion vapor extraction well in the area of highest methane concentrations.

Phase II Subsurface Investigation of 2540 Rosemead Boulevard and 2559 & 2603 Chico Street, prepared for David Tsay, Prepared by Fulcrum Resources Environmental, dated July 20, 2018

On June 13, 2018, Fulcrum Resources Environmental (FRE) contracted Munoz Drilling, Inc. of Santa Ana, California to advance soil borings at the subject property to assess possible contaminants in soil and soil vapor. The purpose of this investigation was to further evaluate the presence of methane previously identified at the subject Property by Hillmann. FRE reported concentrations of methane ranging from less than 10 ppmv to a peak level of 235,000 ppmv in boring SB31-10 in the eastern portion of the Property. The highest concentrations of methane were detected in the ten-foot soil vapor samples form borings SB31 (235,000 ppmv), SB33 (162,000 ppmv), and SB34 (109,000 ppmv). The elevated methane appeared to be in close proximity to a gas pipeline leading to the snack shop from the maintenance building. It was suspected by FRE that a leaking pipeline was the potential source of the elevated methane at the southeastern portion of the Property.

Following the June 2018 investigation, the SoCal Gas Company closed and locked out the gas pipeline valve located at the maintenance building, terminating gas service to the snack shop. The location of the maintenance building, snack shop, and gas pipeline are presented in Figure 2.

Pre-Demolition Asbestos and Lead-Based Paint Survey, Prepared by Stantec Consulting, dated August 26, 2020

During the time of the Asbestos and Lead-Based Paint Survey conducted in August of 2020, the Property was occupied by the Starlite Swap Meet which includes a dining/restroom building, former ice cream building, covered seating areas, and maintenance building. The buildings were surrounded by an asphalt parking lot formerly used for a drive-in movie theater. Asbestos containing materials were identified and abatement by a licensed contractor was recommended prior to demolition of the structures.

Phase I Environmental Site Assessment and Limited Subsurface Assessment South El Monte Swap-Meet 2540 Rosemead Boulevard El Monte, California 91733, Prepared by Stantec Consulting, dated November 12, 2020

Stantec completed a Phase I ESA and limited subsurface assessment between July 16 and 24, 2020 to assess possible contaminants associated with the RECs identified in the previous Property assessment reports referenced above. Soil borings, soil vapor probe, and test pit locations are shown on Figure 3. Stantec installed eleven multi-depth soil vapor sampling probes in borings locations SV-1 through SV-11 during this assessment as reported below.

Methane

Upon confirmation that the SoCal Gas Company service line was still closed and locked-out since 2018, Stantec installed soil vapor probes at six locations (SV-6 through SV-11) near the gas pipeline with soil vapor probes placed at 5 feet, 10 feet, and 20 feet below bgs on July 16, 2020.

The methane concentrations in the soil vapor probes located near the gas pipeline were measured 2 hours after installation, and then approximately one week later, and ranged between 7,000 ppmv (0.7% by volume) and 66,000 ppmv (6.6 % by volume), with the highest concentration reported in soil vapor probe SV-6 at a depth of 5 feet bgs. The reported concentration did show a decrease in concentration since detection occurred by Hillmann in 2015 and FRE in 2018. However, the concentration detected by Stantec still represented a concern to site development for residential purposes.

To evaluate potential options to reduce the methane concentrations in the subsurface, Stantec conducted a limited pilot test involving excavation of the methane impacted soils. This pilot study was conducted on September 17 and 18, 2020. Stantec provided oversight and air monitoring during the excavation of a 25-foot-wide, 40 feet long and 15 feet deep area to evaluate methane concentration reductions in the soil after excavation. The remedial excavation was located southwest of the natural gas pipeline in the area with the highest methane concentrations reported in the Stantec July 2020 site assessment. The existing soil vapor probes SV-6 through SV-10 were utilized to monitor methane concentrations within the surrounding undisturbed soil during and after the remedial excavation.

Stantec monitored the methane concentrations in the soil vapor probes surrounding the excavation during and after the remedial activities. The vapor probes detected a reduction in methane concentrations in the surrounding soil, but still at elevated levels.

During the excavation process, a three-inch-thick concrete layer was encountered approximately two to three feet bgs across the entire excavation area. Below the concrete layer, Stantec encountered soil consisting of several thin dark silt and clay layers interbedded within the grayish green sand throughout the maximum depth of the excavation of about 15 feet bgs. The excavated soil was field screened, during the excavation and stockpile process, for methane and volatile organic compounds (VOCs) in accordance with SCAQMD Rule 1166, using a GEM 2000 Plus and photoionization detector (PID), respectively. Soil monitoring performed during the excavation reported no measurable concentrations of methane in any of the field readings (i.e. 0.0 % by volume) and VOCs at less than 0.2 ppmv, well below the SCAQMD Rule 1166 permit requirements of 50 ppmv.

All excavated soil was placed on the existing asphalt parking lot near the excavation area. The stockpile was periodically moistened to suppress dust. The final stockpile measured approximately 40 feet wide, 80 feet long and 6 feet high. Upon completion of the remedial excavation, four soil vapor test probes (TR-1 through TP-4) were installed four feet into the stockpile to monitor methane concentrations in the excavated material. Approximately two weeks after the completion of the remedial excavation, no methane (0%) was reported in the four soil vapor test probes installed within the stockpile. The results of the pilot test reported that the excavation process did appear to mitigate the methane detected in the subsurface

The concentrations of methane in the soil vapor probes (SV-6 through) located in the surrounding undisturbed soil adjacent to the test excavation were reported at 19,000 ppmv to 48,000 ppmv at the end of this limited remedial excavation. Based on the non-detectable methane concentrations (0.0%) in the western, southeast, and northeast corner of the site, the area with elevated methane in the soil appeared to be limited to the eastern-central area of the Property, centrally located between the snack bar, maintenance building, and northeast corner of the Property (Figure 3).

Adjacent Dry Cleaners and Groundwater Plume

Minor concentrations of VOCs in soil vapor were reported in July 2020, including methylene chloride; carbon disulfide; toluene; xylenes; 4-ethyltoluene; 1,3,5- Trimethylbenzene (TMB); 1,2,4-TMB; and 1,1,1-Trichloroethane (TCA) detected throughout the Property at concentrations below regulatory screening levels for residential uses.

Shallow soil vapor samples collected from the 5-feet interval showed detections of benzene at 16 and 18 micrograms per cubic meter (ug/m3) in soil vapor samples SV-3-5 and SV-6-5, respectively. Trichloroethene (TCE) and ethylbenzene were detected at 52 and 110 ug/m3 in soil vapor sample SV-3-5, respectively. Tetrachloroethene (PCE) was detected at 22 and 69 ug/m3 in soil vapor samples SV-1-5 and SV-3-5. The detected concentrations were above the RSL using an attenuation factor of 0.03, which is currently applied by the appropriate regulatory agency for vapor intrusion (VI) screening purposes. However, these concentrations are below the Residential Screening Level (RSL) for Soil Vapor using Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3 with an attenuation factor of 0.001 used by DTSC to evaluate risk.

Trenching and Test Pits

In July 2020, during the same time as Stantec's initial methane assessment described above, trenching and test pits activities were performed in the eastern-central area of the Property, centrally located between the snack bar, maintenance building, and northeast corner of the Property where the natural gas line was reported, and areas of visibly stained soil were report by the prior site assessments. Stantec trenched alongside the gas line to evaluate the extent of impact soil in these areas and evaluate the potential natural gas leak suspected by Hillmann. Field screening was performed during the trenching activities and twenty (20) soil samples were collected at various test pit locations and depths. These soil samples were analyzed for total petroleum hydrocarbons (TPH) by EPA Test Method 8015B. The ten (10) soil samples with the highest TPH results or field screening reading were analyzed for VOCs.

No detections of TPH as gasoline range organics (GRO) or volatile organic compounds (VOCs) were detected above the laboratory reporting limits in any of the soil samples (*i.e.* all samples were "non-detect") submitted for laboratory analysis, with the exception of one minor detection of naphthalene at 0.0093 mg/kg in Test Pit Row #3 soil sample TPT-3-200'. The detection of naphthalene is below the residential environmental screening level (ESL) of 0.042 mg/kg.

TPH as diesel range organics (DRO) and TPH as oil range organics (ORO) were detected in Test Pit Row #2 at 120 and 570 mg/kg respectively in soil sample TPT-3-0' and at 570 and 2,400 mg/kg in soil sample TPT-3-200'. The TPH-DRO and TPH-ORO concentrations from TPT-3-200' are above the ESL for residential land use of 260 and 1,600 mg/kg.

Upon completion of the soil analysis and testing, the soil was pushed back into the trenches and test pits and wheel-rolled for compaction. Soil removal for this *de minimus* area near TPT-3-200' and proper re-compaction of these trenches and test pit will be conducted during the development grading.

Historical Agricultural Use

Stantec collected three composite soil samples (Comp-1, Comp-2, and Comp-3) from the 0.5-foot interval and the 3-feet interval on July 15, 2021. The shallow soil samples were analyzed for organochlorine pesticides (OCPs) by EPA Test Method 8081A and arsenic and lead by EPA Test Method 6010B.

OCPs (4,4'-DDE, alpha-Chlordane, Chlordane, and dieldrin) were detected at minor concentrations that are below their respective DTSC HERO Note 3 screening level and EPA RSL for residential land use. Additionally, the cumulative concentrations are below the California Hazardous Waste Level for these compounds. These soil results are summarized on Table 6.

All detected metals concentrations were within typical naturally occurring California background concentration ranges, and do not exceed DTSC HERO Note 3 or EPA RSLs for residential use. Arsenic was detected at concentrations ranging from 4.8 to 9.8 mg/kg, which are within the Southern California regional background range of 0.6 to 11 mg/kg. Lead was detected at concentrations ranging from 4.9 to 35 mg/kg which are below the DTSC HERO Note 3 screening level of 80 mg/kg. Based on the composite

soil samples results, historical agricultural use does not represent an environmental concern and no further investigation appears warranted related to these issues.

Despite the trial remedial excavation conducted by Stantec along with the trenching and backfill activities performed by Hillman in 2015, methane conditions at the Property were still considered a REC. Therefore, Stantec performed an additional methane assessment in 2021 which is discussed in Section 6.0.

5.0 SITE RECONNAISSANCE

A visit to the Property and its vicinity was conducted by Ms. Debbie Hernandez, Geologic Staff with Stantec, on September 23, 2021. Stantec was unaccompanied during the Property visit. Figure 2 provides information about the Property and adjoining properties and the location of potential areas of environmental concern. Photographs collected during the Property visit are included in Appendix A.

5.1 SITE RECONNAISSANCE METHODOLOGY

The site reconnaissance focused on observation of current conditions and observable indications of past uses and conditions of the Property that may indicate the presence of RECs. The reconnaissance of the Property was conducted on foot and Stantec utilized the following methodology to observe the Property:

- Traverse the outer Property boundary.
- Traverse transects across the Property.

Weather conditions during the visit to the Property were clear and sunny. There were no weather-related Property access restrictions encountered during the reconnaissance visit.

5.2 GENERAL DESCRIPTION

Property and Area Description:	The parcels are located between Rosemead Boulevard and Chico Avenue. The Property is currently undeveloped land.
Property Operations.	The Property is currently vacant.
Structures, Roads, Other Improvements:	The western portion of the Property is partially covered by asphalt. The eastern portion of the Property is exposed soil due to recent demolition of former structures and asphalt.
Property Size (acres):	Approximately 17.37 acres.
Estimated % of Property Covered by Buildings and/or Pavement:	20%
Observed Current Property Use/Operations:	Vacant land
Observed Evidence of Past Property Use(s):	Former drive-in theater, Starlite Swap Meet, a residence, and Master Designs Furniture
Sewage Disposal Method (and age):	City of El Monte.
Potable Water Source:	City of El Monte.
Electric Utility:	Southern California Edison.

5.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

The following table summarizes Stantec's observations during the Property reconnaissance.

Observations	Description/Location
Hazardous Substances and Petroleum Products as Defined by CERCLA 42 U.S.C. § 9601(14):	None observed.
Drums (≥ 5 gallons):	None observed.
Strong, Pungent, or Noxious Odors:	None observed.
Pools of Liquid:	None observed.
Unidentified Substance Containers:	None observed.
PCB-Containing Equipment:	None observed.
Other Observed Evidence of Hazardous Substances or Petroleum Products:	None observed.

5.4 INTERIOR OBSERVATIONS

Given there are no structures on the Property, this section of the report is not applicable.

5.5 EXTERIOR OBSERVATIONS

Stantec made the following observations during the site reconnaissance of exterior areas of the Property and/or identified the following information during the interview or records review portions of the assessment:

Observations	Description
On-site Pits, Ponds, or Lagoons:	None observed.
Stained Soil or Pavement:	None observed.
Stressed Vegetation:	None observed.
Waste Streams and Waste Collection Areas:	None observed.
Solid Waste Disposal:	A dumpster was observed in the southeast corner of the Property storing miscellaneous metal debris.
Potential Areas of Fill Placement:	None observed.
Wastewater:	No exterior wastewater discharge was observed.
Stormwater:	Stormwater infiltrates the exposed ground surface.
Wells:	None observed.
Septic Systems:	No visible evidence of a septic system was observed.
Other Exterior Observations:	None observed.

Site Reconnaissance
October 12, 2021

5.6 UNDERGROUND STORAGE TANKS/STRUCTURES

Existing USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), which would indicate the presence of USTs, was discovered during the site reconnaissance.
Former USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), reports, or other evidence of the former presence of USTs was discovered during this Phase I ESA.
Other Underground Structures:	A gas meter was observed in the southeast corner of the Property. The gas company and private utility locator mapped the gas line as it traveled from Chico Avenue to the gas line, and then continued northwest towards the maintenance building and beyond to the convenience store.

5.7 ABOVEGROUND STORAGE TANKS

Existing ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), which would indicate the presence of ASTs, was discovered during the site reconnaissance.
Former ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), reports, or other evidence of the former presence of ASTs was discovered during this Phase I ESA.

5.8 ADJOINING PROPERTIES

5.8.1 Current Uses of Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about use and activities on adjoining properties:

NORTH	Residential units and a pet supply company.
EAST	Multiple industrial warehouses.
SOUTH	Multiple industrial warehouses.
WEST	Multiple industrial warehouses.

5.8.2 Observed Evidence of Past Uses of Adjoining Properties

Observations of adjoining properties providing indications of past use and activities, if any, are described below.

NORTH	None observed.
EAST	None observed.
SOUTH	None observed.
WEST	None observed.

5.8.3 Pits, Ponds or Lagoons on Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about the presence of pits, ponds and lagoons on adjoining properties:

NORTH	None observed.
EAST	None observed.
SOUTH	None observed.
WEST	None observed.

5.9 OBSERVED PHYSICAL SETTING

Topography of the Property and Surrounding Area:	The Property is at an elevation of approximately 244 feet above msl with a general topographic gradient to the west-southwest (EDR, 2021).

6.0 LIMITED SUBSURFACE ASSESSMENT

6.1 PRE-ASSESSMENT ACTIVITIES

Prior to the commencement of fieldwork activities, Stantec made the following preparations:

- As required by law, Stantec visited the site to mark the proposed boring locations and acquire a current Underground Service Alert (USA) ticket number prior to commencement of Property drilling activities.
- In accordance with federal OSHA regulations (29 CFR, Section 1910.120), Stantec developed a site-specific Health and Safety Plan (HASP) for the subject property. All Stantec personnel and subcontractors associated with the project were required to be familiar with, and comply with, all provisions of the HASP.

6.2 FIELD INVESTIGATION

To eliminate the potential for vandalism and squatting of vacant structures, the property owner secured a demolition permit to remove the snack bar area structures, and maintenance building located in the southeast corner of the Property and locked-out natural gas line, along with a three-inch-thick concrete layer located two to three feet bgs adjacent to the buildings.

During the demo activities between March and July 2021, Stantec provided the services of a field geologist to supervise and direct all on-site environmental activities. As part of the Property redevelopment activities, the snack bar area and maintenance building located in the southeast corner were razed and the locked-out natural gas line along with the three-inch-thick concrete layer present approximately two to three feet bgs across the eastern-central area were removed under a City of South El Monte demo permit.

On March 16, 2021, during the removal of the three-inch thick concrete layer, an abandoned underground storage tank (UST) was discovered northeast of the natural gas line. Soil samples were collected at both end of the UST to a depth of 10 feet below the in-vent of the tank. At the completion of the demo activities, Stantec advanced fifteen (15) soil vapor points throughout the eastern-central area to evaluate the remaining methane concentrations at the Property (Figure 3). All field work was performed under the supervision of a State of California registered professional geologist and included the following activities:

- Collection of soil samples at both end of the UST to a depth of 10 feet below the in-vent of the tank and analyzed for TPH and VOC by EPA Test Method 8015 and 8260B, respectively.
- Advancement of 15 single-nested soil gas sampling probes throughout the property over the span of four months. Each borehole consisted of one soil gas sampling probes installed at 5 feet bgs;
- Continuous rounds of field screening at each sampling point using a combustible gas meter (GEM 2000 Plus and GEM 5000) between March 19 through July 19, 2021.

6.2.1 Soil Sampling Procedures

Soil borings UST-N and UST-S were advanced using a hand auger at each end of the UST to a depth ten feet bgs. Soil excavated from the borehole was monitored for odors or other visual signs of impact and periodically screened with a MiniRae 3000 PID equipped with a 10.6 electron volt (EV) bulb and calibrated to 100 parts per million by volume (ppmV) isobutylene span gas. Soil samples were collected at depths of one, five, and ten feet below the invent if the tank, for potential chemical analysis.

At each sampling depth, soils were collected directly from the hand auger bucket and discharged into laboratory provided glass sample jars equipped with a Teflon coated screw on lid. The sample container was labeled with the Sample ID, sample depth, time and date of collection and the sampler's initials and recorded on a chain-of-custody documentation. The samples were stored in an ice-chilled cooler pending transport to the laboratory for analysis under chain-of-custody.

6.2.2 Soil Gas Sample Probe Installation Procedures

At the completion of the demolition activities, Stantec advanced four (4) soil vapor probes within the stockpiles, located in the western portion of the site, generated as part of the demo activities along with fifteen (15) soil vapor probes throughout the eastern-central area to evaluate the remaining methane concentrations at the Property (Figure 3) over the span of four months between March 19 and July 19, 2021. The completion soil gas sampling probes were distributed throughout the stockpiles and eastern-central portion of the Property based on the ongoing methane detections at the Site.

Each single completion soil gas sampling probe was installed using a hand auger equipped with a 4-inch outer diameter bucket. Once the borehole depth of 5 feet bgs was reached, the hand augers were extracted and the borehole depth was measured to verify that the hole remained open. Following verification of the borehole depth to 5 feet bgs, a 6-inch sampling screen was connected to dedicated Teflon tubing and lowered to the 5-foot sampling depth. The annulus around the exposed sampling screen was backfilled with a silica sand filter pack to an elevation of about six inches above the sampling interval. Above the filter pack, a 12-inch transition zone was constructed using dry bentonite granules. Hydrated bentonite granules were utilized to seal the annular space from that point to the ground surface. At the surface, the exposed Teflon tubing was capped with tight fitting plastic end-caps and labeled to indicate sampling depth and Sample ID.

6.2.3 Soil Gas Sampling Procedures

Soil gas samples were monitored and collected from the four (4) stockpile probes and the fifteen (15) newly installed probes located in the eastern-central area of the site, and an additional historical probe previously installed at the Property (SB31) during a series of sampling events between March and July of 2021. Following installation of the soil gas probes, three tubing volumes were slow-purged from each sampling point using a variable speed air pump set at a rate of 150 to 200 ml/min. After purging, each of the soil gas sampling points were screened for methane as total combustible gases using GEM 2000 Plus and GEM 5000 combustible gas meters. Soil gas was drawn through the devices and evaluated for methane (in units of parts per million by volume [ppmV]) and biogenic gases (percent oxygen [O_2], percent carbon

dioxide [CO_2], and hydrogen sulfide [ppm H_2S]). Field measurement readings for methane and biogenic gases are summarized in Table 1.

6.2.4 Field Equipment Cleaning Procedures

To maintain quality control during drilling operations, all hand auger rods, and reusable soil sampling equipment was decontaminated using a triple bucket rinse. Prior to drilling at a given location or sampling interval, all equipment coming in direct contact with soil samples was scrubbed with an Alconox scrub solution followed by a clean tap water rinse and then a final distilled water rinse.

6.3 LABORATORY TESTING PROGRAM

All soil gas probes were measured in the field using a GEM 2000 Plus or GEM 5000 combustible gas meter calibrated to read percent methane and biogenic gases (percent oxygen [O_2], percent carbon dioxide [CO_2], and hydrogen sulfide [ppm H_2S]).

6.4 INVESTIGATION FINDINGS

6.4.1 Field Observations

The lithology encountered during the soil vapor sampling activities consisted generally of soils consisting of sandy, gravelly, and clayey deposits. Groundwater was not encountered in any of the borings.

Field readings using the aforementioned combustible gas meters are discussed in Section 8.2 and are summarized on Table 1.

6.4.2 Analytical Results

6.4.2.1 Soil Vapor Results

Stantec monitored methane levels within the four (4) stockpile probes (SV-14 through SV-17), as well as the soil vapor probes located in the eastern-central portion of the Property, between March and July of 2021. The analytical results from each sampling event are presented below.

Stockpile Probes, April 2021

The stockpile probes were monitored three times in April 2021 with no reported detectable concentrations of methane reported in any of the probes during any sampling event. Given the nondetectable concentration of methane in the stockpile probes, no additional methane monitoring was performed after April 2021.

Eastern-Central Soil Vapor Probes Readings

Round 1, March 19, 2021:
Methane was detected at 4.5% by volume at the historical soil gas boring location SB31. Soil vapor probes were reinstalled at locations SV-6 and SV-7 and renamed SV-6A and SV-7A, respectively. Methane was detected at 0.3% at SV-6A and was not detected by the field meter at soil vapor location SV-7A.

Round 2, March 22, 2021:
Methane was present at SB31 at 5.0% by volume. Soil vapor probes SV-7A and SV-6A reported methane concentrations at 0.7% and 0.1%, respectively

Round 3, March 23, 2021:
Due to the continued high concentration of methane present in soil vapor point SB31, two additional probes were installed to the north (SV-12 and SV-13). Soil vapor points SV-6A and SV-7A were assumed destroyed by the demolition activities on site and were note sampled during this round of readings. Methane was detected at 4.8% by volume at SB31. Soil vapor points SV-12 and SV-13 reported methane at 2.6% and 0.7%, respectively

Round 4, April 2, 2021:
Eleven additional soil borings were subsequently advanced to determine the extent of methane at the site surrounding SB31. Soil vapor borings SV-14 through SV-17 were installed to the far west and southwest directions from SB31, SV-18 and SV-19 were installed to the north of SB31 and SV-20 through SV-24 were installed to the immediate west of SB31 following the trend line of the historical gas line located on the Property (Figure 3). Soil vapor point SV-7A was rediscovered and sampled for the remaining rounds. Methane was detected at all borings trending north from SB31 identified in order as SV-12, SV-19, SV-13, and SV-18 as well as the soil vapor points immediately west of SB31 identified as SV-27. Methane was reported between 0.1% through 4.0% by volume. All remaining soil vapor points reported nondetectable concentrations of methane.

Round 5, April 5, 2021:
Methane was detected at borings SB31, SV-12, SV-19, SV-13, and SV-23 between 0.2% through 3.8% by volume. All remaining soil vapor points, including the northern most point from SB31 identified as SV-18, reported nondetectable concentrations of methane.

Round 6, April 7, 2021:
Methane was detected in borings SB31, SV-12, SV-13, and SV-23 between 0.2% through 2.8% by volume. All remaining soil vapor points reported nondetectable concentrations of methane.

Round 7, April 28, 2021:
Six soil borings were sampled and included SB31, SV-7A, SV-12, SV-13, SV-19, and SV-23. Methane was detected at samples SV-12, SV-14, SV-23 and SB31 between 0.1% and 3.2% by volume.

Round 8, May 20, 2021:
Solely soil vapor point SV-12 was sampled for methane and reported a concentration of 0.6% by volume.

Round 8, May 25, 2021:
Soil vapor points SV-12 and SB31 were sampled for methane and reported concentrations of 0.8% and 1.2% by volume, respectively.

Round 9, June 11, 2021:
Soil vapor points SV-12 and SB31 were sampled for methane and reported concentrations of 0.3% and 0.4% by volume, respectively.

Round 10, June 26, 2021:
Soil vapor points SV-12 and SB31 were sampled for methane and reported concentrations of 0.1% and 0.2% by volume, respectively.

Round 11, July 19, 2021:
The remaining soil vapor points available for sampling include SB31, SV-7A, SV-12, SV-13, SV-18, SV-19, and SV-23. All methane detections were nonreportable at 0.0% by volume. Based on the final results of combustible gas survey completed at the eastern-central area as of July 19, 2021, along with the prior methane readings in the soil vapor probes in the remaining areas of the Property, no methane was detected at the Property. Since methane levels were not found above levels of concern (generally considered to be 0.5%, or 5,000 ppmV methane), methane is not a concern at the Property, and Stantec recommends no further assessment regarding methane.

6.4.2.2 UST Soil Removal Results

On March 16, 2021, during the removal of the three-inch thick concrete layer an abandoned UST was discovered northeast of the natural gas line. Soil samples were collected at both end of the UST to a depth of 1, 5 and 10 feet below the invent of the tank and analyzed for TPH and VOC by EPA Test Method 8015 and 8260B, respectively.

- TPH - GRO, TPH -DRO, and TPH-ORO were not reported above laboratory reporting limits in any of the six analyzed samples.
- Trace amounts of VOCs including, 1,2,4-Trimethylbenzene (TMB). 1,3,5-TMB, ethylbenzene, and naphthalene were reported in two of the soil samples collected beneath the UST. The reported VOCs were slightly above the laboratory reporting limits and orders of magnitude below their corresponding residential screening limits.
- Given that the UST was completely empty, and the recent soil sample result collected directly below the tank indicated no release had occurred that exceed current cleanup requirements, the City of South El Monte approved removal of the UST under the existing demo permit on April 19, 2021. Stantec understands that the City of South El Monte is not requiring further assessment or actions regarding the former UST.

7.0 DATA GAPS

The federal AAI final rule [40 CFR 312.10(a)] and ASTM E1527-13 identify a "data gap" as the lack or inability to obtain information required by the standards and practices of the rule despite good faith efforts by the Environmental Professional or the User.

Any data gaps resulting from the Phase I ESA described in this report are listed and discussed below.

Gap	Discussion
Deletions or Exceptions from Scope of Work Referenced in Section 1.4:	None
Weather-Related Restrictions to Site Reconnaissance:	None
Facility Access Restrictions to Site Reconnaissance:	None
Other Site Reconnaissance Restrictions:	None
Data Gaps from Environmental Records Review:	None
Data Gaps from Historical Records Review:	None
Data Gaps from Interviews:	The Property was vacant during the site reconnaissance, and therefore no interview was conducted. Given the historical documents available, the lack of an on-site interview is not considered a significant data gap.
Other Data Gaps:	None

8.0 CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527 of 2540 Rosemead Boulevard, South El Monte, California 91733, or the “Property”. Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed the following evidence of recognized environmental conditions (RECs) in connection with the Property:

- **San Gabriel Valley Groundwater Plume**. The Property lies within Area 1 of the San Gabriel Valley Regional Groundwater Superfund plume. The groundwater in this area is contaminated with elevated levels of PCE, TCE, carbon tetrachloride, and other VOCs from multiple point sources within the San Gabriel Valley. Because groundwater in this area of the Property is reported at approximately 50 feet bgs, Stantec initially identified this plume as a REC due to the potential for elevated soil vapor concentrations to exist beneath the Site. That issue no longer appears to be a significant concern, given the low levels of detected VOC concentrations in soil vapor; however, Stantec recommends that either soil vapor barriers be installed, or a post- grading soil vapor survey be performed in connection with future development to confirm the absence of elevated soil vapor concentrations. In addition, due to the fact that the responsible parties have been identified and are addressing the contamination, as well as the lack of evidence that the site operations have contributed to any of the groundwater contamination, the Property owner is not likely liable for cleanup of the Superfund plume.

The following items of note were identified during this assessment:

- **Methane.** In general, significant methane concentrations were only reported in the eastern-central area of the Property and methane concentrations experienced a decreasing trend through the demolition activities of the asphalt cover and three-inch thick concrete layer as they were removed from the eastern-central area of the Property. Final readings collected in July of 2021 reported nonreportable levels of methane within the eastern-central area of the Property (Table 2). Based on the final results of combustible gas survey completed at the eastern-central area as of July 2021 along with the prior methane readings in the soil vapor probes in the remaining areas of the Property, no methane was detected at the Property. Since methane levels were not found above levels of concern (generally considered to be 0.5%, or 5,000 ppmV methane), methane is not a concern at the Property, and Stantec recommends no further assessment be conducted regarding methane.

9.0 NON-SCOPE CONSIDERATIONS

The following ASTM E1527-13 non-scope services were performed as part of this Phase I ESA:

9.1 RADON

Radon is a colorless, tasteless radioactive gas with an EPA-specified action level of 4.0 PicoCuries per liter of air (pCi/L) for residential properties. Radon gas has a very short half-life of 3.8 days. The health risk potential of radon is primarily associated with its rate of accumulation within confined areas near or in the ground, such as basements, where vapors can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure. The radon concentrations in buildings and homes depend on many factors, including soil types, temperature, barometric pressure, and building construction (EPA, 1993).

Stantec reviewed regional data published by the EPA on average indoor radon concentrations in the vicinity of the Property (http://www.epa.gov/radon/zonemap.html).

EPA Radon Zones (w/Average Measured Indoor Radon concentrations)		
Zone 1 – High (>4.0 pCi/L)	Zone 2 – Moderate (2 to 4 pCi/L)	Zone 3 – Low (<2 pCi/L)
	X	

The Property is located in Zone 2 and is considered to have medium potential for radon. The one test from zip code 91733 (the zip code of the Property) was below 4 pCi/L. The average first floor concentration in Los Angeles County is 0.711 pCi/L. To determine Property-specific radon levels, a radon survey would have to be conducted. However, based on the data for the zip code, further investigation of indoor radon issues does not appear to be warranted.

9.2 FLOOD ZONES

According to the Physical Setting summary portion of the EDR report, the Property is not located within a 500-year or 100-year flood plain. Stantec also searched the FEMA flood plain map service at www.msc.fema.gov and could not find active links to maps showing the flood plain designations in Los Angeles County. The nearest surface body of water is the Rio Hondo River located approximately ½ mile to the west of the Property.

10.0 REFERENCES

American Society for Testing and Materials, 2015, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, Designation E 2600-15.

American Society for Testing and Materials, 2013, Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process, Designation: E 1527-13.

California Department of Toxic Substances Control, 2021, EnviroStor

California State Department of Water Resources Control Board, 2021, GeoTracker

California Geological Survey Earthquake Fault Zones and Seismic Hazard Zones, El Monte 7.5 Minute Quadrangle

California State University Northridge, Geomorphic Regions of California, 2019

Environmental Data Resources, Inc. EDR, EDR Radius Map, Inquiry Number 659637.2s dated July 28, 2021.

_____, Certified Sanborn Map Report, Inquiry Number 6112847.3, dated July 06, 2020.
_____, Historical Topographic Map Report, Inquiry Number 6112847.4, dated July 06, 2020.
_____, Aerial Photo Decade Package, Inquiry Number 6112847.8, dated July 06, 2020.
_____, City Directory Abstract, Inquiry Number 6112847.6, dated July 06, 2020.

Fulcrum Resources Environmental, 2018, Phase II Subsurface Investigation of 2540 Rosemead Boulevard and 2559 & 2603 Chico Street, prepared for David Tsay, Prepared by Fulcrum Resources Environmental, dated July 20.

Hillmann Consulting, 2015, Phase I Environmental Site Assessment for 2540 Rosemead Boulevard, 2559, 2603, 2610, 2622, 2630, & 2634 Chico Avenue, 2607, 2629, & 2637 Humbert Avenue, South El Monte, CA 91733, Prepared for Warmington Residential CA, dated August 6.

Hillmann Consulting, 2015, Supplemental Phase II Subsurface Investigation Report for 2540 Rosemead Boulevard; 2559 & 2603 Chico Street South El Monte, California, Prepared for Warmington Residential CA, dated October 5.

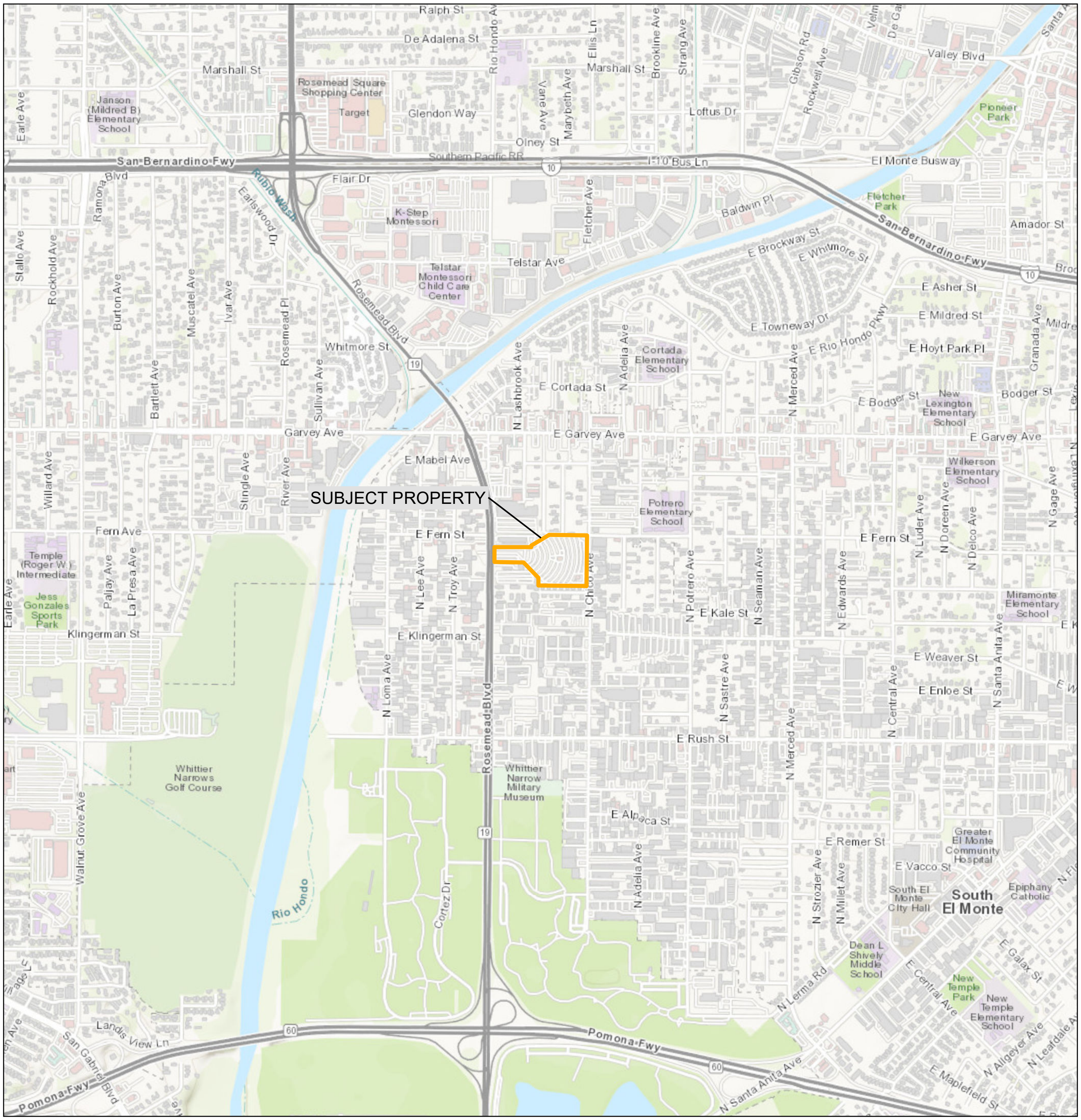
Hillmann Consulting, 2015, Trench Testing Report, Former Drive-In Theater, 2540 Rosemead Boulevard, Prepared for Warmington Residential, dated November 19

Stantec Consulting Services, Inc., 2020, Pre-Demolition Asbestos and Lead-Based Paint Survey, Prepared by Stantec Consulting, dated August 26.

Stantec Consulting Services, Inc., 2020, Phase I Environmental Site Assessment and Limited Subsurface Assessment South El Monte Swap-Meet, dated November 12.

United States Geological Survey (USGS), 1981, El Monte, 7.5 Minute Topographic Map, Scale 1 inch = 2,400 feet. Photorevised 1964

FIGURES





Property Boundary

0 1,200 2,400 Feet
(At original document size of 8.5x11)
1:24,000

N

Stantec

Project Location
2540 Rosemead Boulevard
South El Monte, California 91733

Client/Project
California T.C. Group, L.P.
185804859
Phase I Environmental Site Assessment

Figure No.
1

Title
Property Location Map

Notes
1. Coordinate System: NAD 1983 UTM Zone 11N
2. Data Sources: Stantec, 2021
3. Background: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

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Property Boundary

0 125 250 Feet
(At original document size of 8.5x11)
1:2,500

N

Stantec

Project Location
2540 Rosemead Boulevard
South El Monte, California 91733

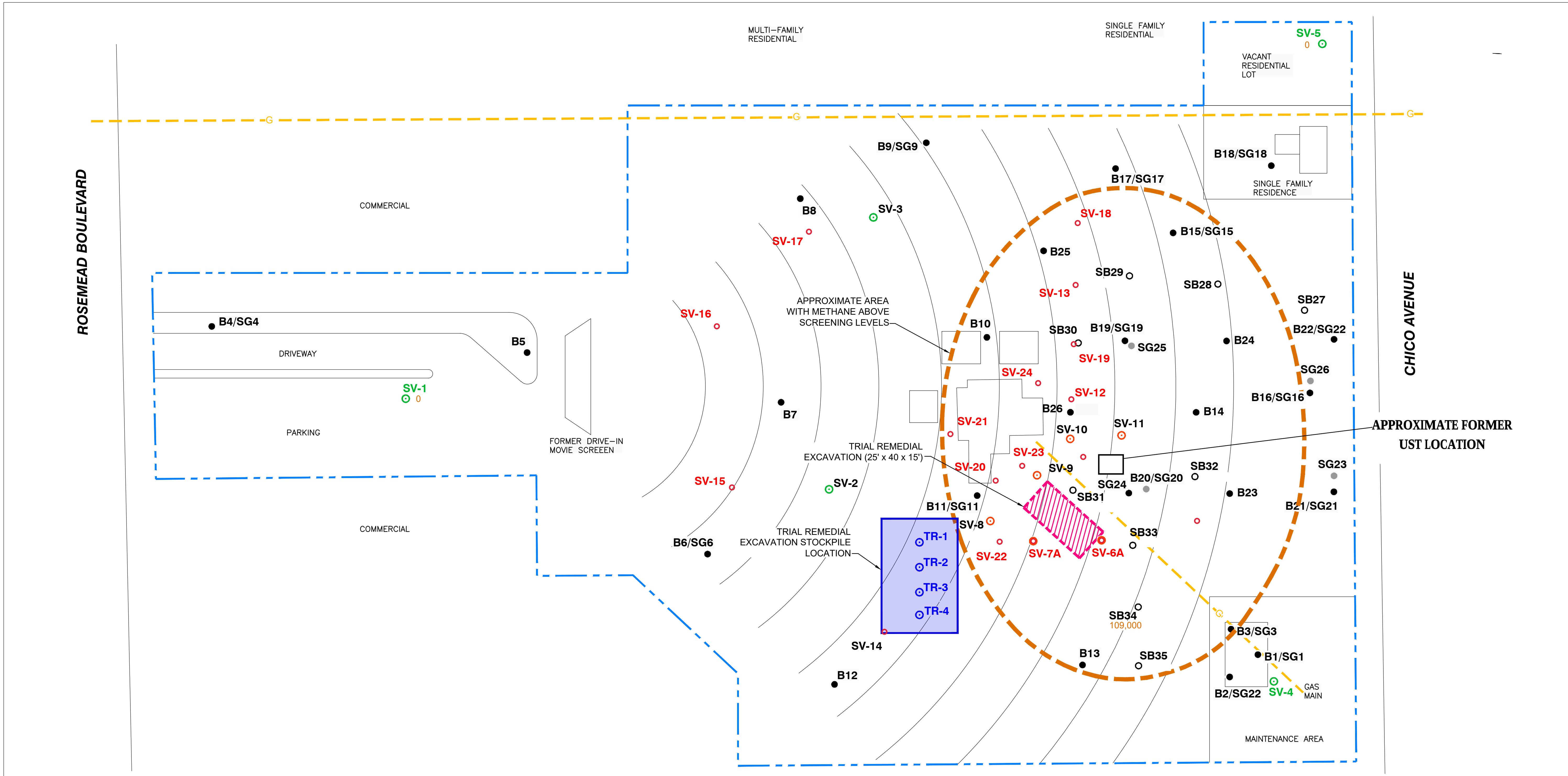
Client/Project
California T.C. Group, L.P.
185804859
Phase I Environmental Site Assessment

Figure No.
2

Title
PROPERTY DETAILS

Notes
1. Coordinate System: NAD 1983 UTM Zone 11N
2. Data Sources: Stantec, 2021
3. Background: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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APPROXIMATE PROPERTY BOUNDARY

GAS UTILITY LINE

PREVIOUS SOIL BORING, 2015
SG = PREVIOUS GAS LOCATION, 2015

SOIL VAPOR PROBE, 3/19/2021 THROUGH 7/19/2021

MULTI-DEPTH PROBE, 10/9/15

SOIL VAPOR PROBE, 6/13/18

SOIL VAPOR PROBES SET AT 5' AND 15' FOR VOC (REGIONAL PLUME RELATED) METHANE READINGS IN ALL PROBES

SOIL VAPOR PROBES SET AT 5', 10' AND 20' WITH VOC COLLECTED AT 5' AND 10' (METHANE READING IN ALL PROBES)

SOIL VAPOR PROBES SET AT 5', WITHIN TRIAL REMEDIAL STOCKPILE

0 100 200
APPROXIMATE SCALE IN FEET
(At original document size of 8.5x11)
1:2,000

N

Notes
1. Coordinate System: NAD 1983 UTM Zone 11N
2. Data Sources: Stantec, 2021
3. Background: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Stantec

Project Location
2540 Rosemead Boulevard
South El Monte, California 91733

Client/Project
California T.C. Group, L.P.
185804859
Phase I Environmental Site Assessment

Figure No.
3

Title
SOIL GAS BORING LOCATIONS

TABLES

Table 1
Summary of Soil Gas Results for Methane by Monitoring Probe
South El Monte Swap Meet
2540 Rosemead Boulevard, South El Monte, California
185804859

Methane Probe ID[1]	Probe Reading Date	Field Readings [2]				
		Barometric Pressure (Hg)	Methane (%)	CO_2 (%)	O_2 (%)	Balance Gases
SB31	3/19/2021	29.51	**4.5**	15.4	<<.<	>>.>
SB31	3/22/2021	29.53	**5.0**	16.9	<<.<	>>.>
SB31	3/23/2021	29.51	**4.8**	15.8	<<.<	>>.>
SB31	4/2/2021	29.57	**4.0**	14.9	<<.<	>>.>
SB31	4/5/2021	29.97	**3.8**	15.7	<<.<	>>.>
SB31	4/7/2021	NA	**2.8**	14.0	0.3	82.8
SB31	4/28/2021	NA	**3.2**	19.8	0.3	81.5
SB31	5/25/2021	29.66	**1.2**	9.4	3.6	85.8
SB31	6/11/2021	29.63	**0.4**	8.4	6.5	84.6
SB31	6/26/2021	29.58	**0.2**	4.4	14.0	81.3
SB31	7/19/2021	29.80	0.0	7.1	8.9	84.0
SV-6A*	3/19/2021	29.51	**0.3**	03.3	8.2	88.3
SV-6A*	3/22/2021	29.53	**0.1**	03.8	16.3	79.7
SV-7A	3/19/2021	29.51	0.0	05.2	8.1	86.7
SV-7A	3/22/2021	29.53	**0.7**	09.3	06.4	83.4
SV-7A	4/7/2021	NA	0.0	7.2	4.3	88.4
SV-7A	4/28/2021	NA	0.0	6.9	5.4	87.6
SV-7A	7/19/2021	29.80	0.0	13.0	0.4	86.6
SV-12	3/23/2021	29.51	**2.6**	10.9	00.0	>>.>
SV-12	4/2/2021	29.58	**2.2**	12.0	<<.<	>>.>
SV-12	4/5/2021	29.97	**1.8**	12.5	00.0	85.6
SV-12	4/7/2021	NA	**1.4**	12.4	0.2	85.9
SV-12	4/28/2021	NA	**0.8**	13.7	0.9	84.8
SV-12	5/20/2021	NA	**0.6**	8.3	7.0	83.9
SV-12	5/25/2021	29.66	**0.8**	8.2	6.4	84.6
SV-12	6/11/2021	29.63	**0.3**	5.2	12.4	82.1
SV-12	6/26/2021	29.58	**0.1**	7.9	7.6	84.4
SV-12	7/19/2021	29.80	0.0	3.7	15.0	81.3
SV-13	3/23/2021	29.51	**0.7**	16.0	<<.<	>>.>
SV-13	4/2/2021	29.58	**0.1**	07.6	02.7	89.4
SV-13	4/5/2021	29.96	**0.4**	12.9	01.3	85.2
SV-13	4/7/2021	NA	**0.2**	13.2	0.3	86.1
SV-13	4/28/2021	NA	**0.1**	13.6	0.7	85.4
SV-13	7/19/2021	29.80	0.0	14.2	0.5	85.3
SV-14	4/2/2021	28.57	0.0	05.9	02.3	91.7
SV-14	4/5/2021	29.97	0.0	03.6	10.7	84.3
SV-14	4/7/2021	NA	0.0	4.1	12.2	83.7
SV-15	4/2/2021	28.57	0.0	03.3	12.1	84.5
SV-15	4/5/2021	29.97	0.0	0.51	03.7	91.3
SV-15	4/7/2021	NA	0.0	4.4	5.0	90.5
SV-16	4/2/2021	28.57	0.0	02.4	06.2	91.3
SV-16	4/5/2021	29.97	0.0	04.5	02.7	92.2
SV-16	4/7/2021	NA	0.0	3.7	1.3	94.9
SV-17	4/2/2021	28.57	0.0	02.3	01.1	96.4
SV-17	4/5/2021	29.97	0.0	09.0	02.2	88.5
SV-17	4/7/2021	NA	0.0	8.3	5.4	86.1
SV-18	4/2/2021	29.56	**0.5**	15.0	<<.<	>>.>
SV-18	4/7/2021	NA	0.0	6.9	4.5	88.8
SV-18	4/5/2021	29.96	0.0	09.5	10.2	80.3
SV-18	7/19/2021	29.80	0.0	9.9	8.8	81.3
SV-19	4/2/2021	29.56	**0.4**	08.9	<<.<	>>.>
SV-19	4/5/2021	29.97	**0.2**	12.4	<<.<	>>.>
SV-19	4/7/2021	NA	0.0	11.0	0.5	88.5
SV-19	4/28/2021	NA	0.0	10.6	2.8	86.5
SV-19	7/19/2021	29.80	0.0	8.4	9.7	83.9
SV-20	4/2/2021	28.57	0.0	00.5	18.6	80.8
SV-20	4/5/2021	29.99	0.0	01.5	14.5	83.9
SV-20	4/7/2021	NA	0.0	1.1	16.0	82.9
SV-21	4/2/2021	29.56	0.0	03.6	19.9	80.4
SV-21	4/5/2021	29.99	0.0	04.1	16.1	79.7
SV-21	4/7/2021	NA	0.0	2.7	18.0	78.9
SV-22	4/2/2021	29.56	0.0	00.7	19.6	79.7
SV-22	4/5/2021	29.99	0.0	01.6	19.2	79.2
SV-22	4/7/2021	NA	0.0	0.9	21.6	77.5
SV-23	4/2/2021	29.56	**0.7**	07.3	<<.<	>>.>
SV-23	4/5/2021	29.99	**0.6**	08.7	<<.<	>>.>
SV-23	4/7/2021	NA	**0.4**	9.0	0.3	90.2
SV-23	4/28/2021	NA	**0.1**	10.5	0.5	88.9
SV-23	6/26/2021	29.58	0.0	12.6	2.0	85.4
SV-23	7/19/2021	29.80	0.0	13.6	1.4	85.2
SV-24	4/2/2021	29.55	0.0	08.1	03.7	87.9
SV-24	4/5/2021	29.99	0.0	08.2	03.5	88.1
SV-24	4/7/2021	NA	0.0	8.2	3.6	88.2
SV-24	4/7/2021	NA	0.0	8.2	3.6	88.2

Notes:
(1) Methane probe identification.
(2) Soil gas analyzed in field using a GEM 2000 Combustible Gas Meter
LEL - Lower Explosive Limit
ppmv - parts per million by volume
(*) Sample locations destroyed by excavating equipment
(yellow highlight) Sample report above 0.5% (5,000 ppmv) or 10 % of LEL

Table 2
Summary of Soil Gas Results for Methane by Date
South El Monte Swap Meet
2540 Rosemead Boulevard, South El Monte, California
185804859

Methane Probe ID[1]	Probe Reading Date	Field Readings [2]				
		Barometric Pressure (Hg)	Methane (%)	CO_2 (%)	O_2 (%)	Balance Gases
SV-7A	7/19/2021	29.80	0.0	13.0	0.4	86.6
SV-12	7/19/2021	29.80	0.0	3.7	15.0	81.3
SV-13	7/19/2021	29.80	0.0	14.2	0.5	85.3
SV-18	7/19/2021	29.80	0.0	9.9	8.8	81.3
SV-19	7/19/2021	29.80	0.0	8.4	9.7	83.9
SV-23	7/19/2021	29.80	0.0	13.6	1.4	85.2
SB31	7/19/2021	29.80	0.0	7.1	8.9	84.0
SV-12	6/26/2021	29.58	**0.1**	7.9	7.6	84.4
SB31	6/26/2021	29.58	**0.2**	4.4	14.0	81.3
SV-12	6/11/2021	29.63	**0.3**	5.2	12.4	82.1
SB31	6/11/2021	29.63	**0.4**	8.4	6.5	84.6
SV-12	5/25/2021	29.66	**0.8**	8.2	6.4	84.6
SB31	5/25/2021	29.66	**1.2**	9.4	3.6	85.8
SV-12	5/20/2021	NA	**0.6**	8.3	7.0	83.9
SV-7A	4/28/2021	NA	0.0	6.9	5.4	87.6
SV-12	4/28/2021	NA	**0.8**	13.7	0.9	84.8
SV-13	4/28/2021	NA	**0.1**	13.6	0.7	85.4
SV-19	4/28/2021	NA	0.0	10.6	2.8	86.5
SV-23	4/28/2021	NA	**0.1**	10.5	0.5	88.9
SB31	4/28/2021	NA	**3.2**	19.8	0.3	81.5
SB31	4/7/2021	NA	**2.8**	14.0	0.3	82.8
SV-12	4/7/2021	NA	**1.4**	12.4	0.2	85.9
SV-13	4/7/2021	NA	**0.2**	13.2	0.3	86.1
SV-14	4/7/2021	NA	0.0	4.1	12.2	83.7
SV-15	4/7/2021	NA	0.0	4.4	5.0	90.5
SV-16	4/7/2021	NA	0.0	3.7	1.3	94.9
SV-17	4/7/2021	NA	0.0	8.3	5.4	86.1
SV-18	4/7/2021	NA	0.0	6.9	4.5	88.8
SV-19	4/7/2021	NA	0.0	11.0	0.5	88.5
SV-20	4/7/2021	NA	0.0	1.1	16.0	82.9
SV-21	4/7/2021	NA	0.0	2.7	18.0	78.9
SV-22	4/7/2021	NA	0.0	0.9	21.6	77.5
SV-23	4/7/2021	NA	**0.4**	9.0	0.3	90.2
SV-24	4/7/2021	NA	0.0	8.2	3.6	88.2
SV-7A	4/7/2021	NA	0.0	7.2	4.3	88.4
SB31	4/5/2021	29.97	**3.8**	15.7	<<.<	>>.>
SV-12	4/5/2021	29.97	**1.8**	12.5	00.0	85.6
SV-13	4/5/2021	29.96	**0.4**	12.9	01.3	85.2
SV-14	4/5/2021	29.97	0.0	03.6	10.7	84.3
SV-15	4/5/2021	29.97	0.0	0.51	03.7	91.3
SV-16	4/5/2021	29.97	0.0	04.5	02.7	92.2
SV-17	4/5/2021	29.97	0.0	09.0	02.2	88.5
SV-18	4/5/2021	29.96	0.0	09.5	10.2	80.3
SV-19	4/5/2021	29.97	**0.2**	12.4	<<.<	>>.>
SV-20	4/5/2021	29.99	0.0	01.5	14.5	83.9
SV-21	4/5/2021	29.99	0.0	04.1	16.1	79.7
SV-22	4/5/2021	29.99	0.0	01.6	19.2	79.2
SV-23	4/5/2021	29.99	**0.6**	08.7	<<.<	>>.>
SV-24	4/5/2021	29.99	0.0	08.2	03.5	88.1
SB31	4/2/2021	29.57	**4.0**	14.9	<<.<	>>.>
SV-12	4/2/2021	29.58	**2.2**	12.0	<<.<	>>.>
SV-13	4/2/2021	29.58	**0.1**	07.6	02.7	89.4
SV-14	4/2/2021	28.57	0.0	05.9	02.3	91.7
SV-15	4/2/2021	28.57	0.0	03.3	12.1	84.5
SV-16	4/2/2021	28.57	0.0	02.4	06.2	91.3
SV-17	4/2/2021	28.57	0.0	02.3	01.1	96.4
SV-18	4/2/2021	29.56	**0.5**	15.0	<<.<	>>.>
SV-19	4/2/2021	29.56	**0.4**	08.9	<<.<	>>.>
SV-20	4/2/2021	28.57	0.0	00.5	18.6	80.8
SV-21	4/2/2021	29.56	0.0	03.6	19.9	80.4
SV-22	4/2/2021	29.56	0.0	00.7	19.6	79.7
SV-23	4/2/2021	29.56	**0.7**	07.3	<<.<	>>.>
SV-24	4/2/2021	29.55	0.0	08.1	03.7	87.9
SB31	3/23/2021	29.51	**4.8**	15.8	<<.<	>>.>
SV-12	3/23/2021	29.51	**2.6**	10.9	00.0	>>.>
SV-13	3/23/2021	29.51	**0.7**	16.0	<<.<	>>.>
SB31	3/22/2021	29.53	**5.0**	16.9	<<.<	>>.>
SV-7A*	3/22/2021	29.53	**0.7**	09.3	06.4	83.4
SV-6A*	3/22/2021	29.53	**0.1**	03.8	16.3	79.7
SB31	3/19/2021	29.51	**4.5**	15.4	<<.<	>>.>
SV-7A*	3/19/2021	29.51	0.0	05.2	8.1	86.7
SV-6A*	3/19/2021	29.51	**0.3**	03.3	8.2	88.3

Notes:
(1) Methane probe identification.
(2) Soil gas analyzed in field using a GEM 2000 Combustible Gas Meter
LEL - Lower Explosive Limit
ppmv - parts per million by volume

APPENDICES

Appendix A   Photographs of the Property and Vicinity

Client:	California T.C. Group, L.P.	Project:	185804859
Site Name:	2540 Rosemead Boulevard	Site Location:	South El Monte, California

Photograph ID: 1 **Photo Location:** 2526 Rosemead Blvd **Direction:** Southeast **Survey Date:** 9/23/2021 **Comments:** Ladder company located adjacent to the southern Property boundary	
Photograph ID: 2 **Photo Location:** 2547 Rosemead Blvd **Direction:** Northwest **Survey Date:** 9/23/2021 **Comments:** Various commercial business located to the west beyond Rosemead Boulevard	

Client:	**California T.C. Group, L.P.**	**Project:**	**185804859**
Site Name:	**2540 Rosemead Boulevard**	**Site Location:**	**South El Monte, California**

Photograph ID: 3

Photo Location:
2521 Rosemead Blvd

Direction:
Southwest

Survey Date:
9/23/2021

Comments:
Various commercial business located to the west beyond Rosemead Boulevard



Photograph ID: 4

Photo Location:
2550 Rosemead Blvd

Direction:
Northeast

Survey Date:
9/23/2021

Comments:
Pet supply store located adjacent to the northern Property boundary



Client:	**California T.C. Group, L.P.**	**Project:**	**185804859**
Site Name:	**2540 Rosemead Boulevard**	**Site Location:**	**South El Monte, California**

Photograph ID: 5

Photo Location:
2553 Rosemead Blvd

Direction:
Northwest

Survey Date:
9/23/2021

Comments:
Various commercial business located to the west beyond Rosemead Boulevard



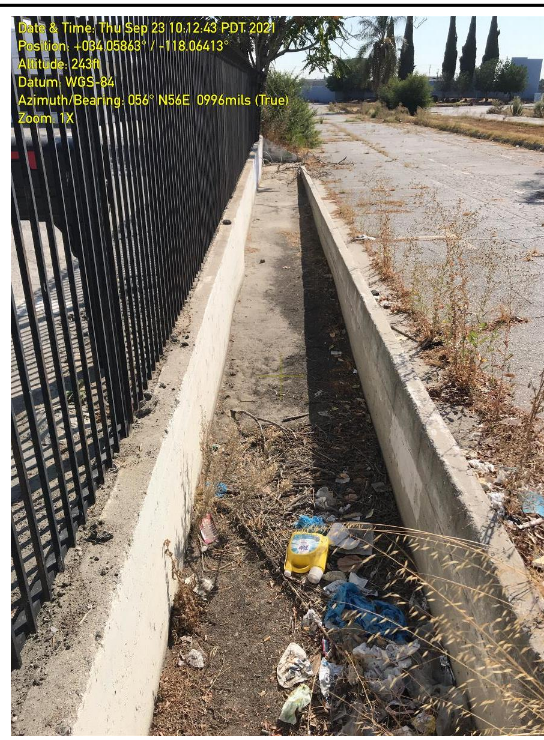
Photograph ID: 6

Photo Location:
2540 Rosemead Blvd

Direction:
Northeast

Survey Date:
9/23/2021

Comments:
Drainage basin located in the northwestern corner of the Property along the Rosemead Boulevard entrance



Client:	California T.C. Group, L.P.	Project:	185804859
Site Name:	2540 Rosemead Boulevard	Site Location:	South El Monte, California

Photograph ID: 7

Photo Location:
2540 Rosemead Blvd

Direction:
Southeast

Survey Date:
9/23/2021

Comments:
View from the western portion of the Property facing southeast



Photograph ID: 8

Photo Location:
2540 Rosemead Blvd

Direction:
Northeast

Survey Date:
9/23/2021

Comments:
Former drive in light up sign at the Rosemead Boulevard entrance



Client:	California T.C. Group, L.P.	Project:	185804859
Site Name:	2540 Rosemead Boulevard	Site Location:	South El Monte, California

Photograph ID: 9

Photo Location:
2540 Rosemead Blvd

Direction:
Southeast

Survey Date:
9/23/2021

Comments:
View from the western portion of the Property facing southeast



Photograph ID: 10

Photo Location:
2540 Rosemead Blvd

Direction:
Southwest

Survey Date:
9/23/2021

Comments:
Cement debris piles remnant of the demolition activities



Client:	California T.C. Group, L.P.	Project:	185804859
Site Name:	2540 Rosemead Boulevard	Site Location:	South El Monte, California

Photograph ID: 11

Photo Location:
2540 Rosemead Blvd

Direction:
Southwest

Survey Date:
9/23/2021

Comments:
View from the southeastern corner of the lot facing southwest



Photograph ID: 12

Photo Location:
2540 Rosemead Blvd

Direction:
Northeast

Survey Date:
9/23/2021

Comments:
Former maintance building foot print located in the southeastern corner of the Property facing northeast with Moras plywood and hardware store located at 2500 Chico Ave in the background



Client:	California T.C. Group, L.P.	Project:	185804859
Site Name:	2540 Rosemead Boulevard	Site Location:	South El Monte, California

Photograph ID: 13 **Photo Location:** 2540 Rosemead Blvd **Direction:** Southeast **Survey Date:** 9/23/2021 **Comments:** Residential home located at 2600 Marybeth Ave	
Photograph ID: 14 **Photo Location:** 2540 Rosemead Blvd **Direction:** Southwest **Survey Date:** 9/23/2021 **Comments:** View from the northeastern corner of the Property facing southwest	

Client:	California T.C. Group, L.P.	Project:	185804859
Site Name:	2540 Rosemead Boulevard	Site Location:	South El Monte, California

Photograph ID: 15

Photo Location:
2540 Rosemead Blvd

Direction:
Southwest

Survey Date:
9/23/2021

Comments:
Demolition debris observed in the central western portion of the Property



Appendix B STANTEC RESUMES

Deborah J Hernandez

Geologic Staff

Stantec

Debbie is a staff geologist hired in September of 2018 at the San Bernardino Office. Through her education at Cal Poly Pomona, Debbie has extensive research and writing experience while conducting thesis work. Field experience ranges from field mapping, rock and soil classification to vast experience utilizing geophysical equipment. Since starting at Stantec, Debbie has applied her knowledge towards Phase I and II Environmental Assessment field work and report preparation. Debbie has also overseen soil vapor extraction projects Debbie completed a GIS certification program through the California University Fullerton and is experienced in ArcGIS 10, Adobe Suite, and the Microsoft Office Suite.

Debbie's environmental consulting experience includes performing Phase I Environmental Site Assessments in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13, and the collection, and interpretation of Phase II Environmental Assessment data.

EDUCATION

Bachelor of Science, Geological Sciences, California Polytechnica University, Pomona, Pomona, CA, 2015

CERTIFICATIONS & TRAINING

Geographic Information Systems, California State University, Fullerton, Fullerton, California, 2018

Lead Sampling Technician, National Association of Training and Environmental Consulting, Anaheim, California, 2019

8-Hour Supervisor Trainer Coarse Certification Hazwoper, OSHA, Simi Valley, California, 2018

Adult and Pediatric First Aid/CPR/AED, American Red Cross, San Bernardino, Ca, 2018

Asbestos Building Inspector Initial Course, National Association of Training and Environmental Consulting, Anaheim, California, 2018

PROJECT EXPERIENCE

Soil Vapor Intrusion Assessment/Mitigation Studies (including Methane)

Soil Vapor Intrusion Assessment, Various Locations, California

Debbie performed field oversight during the installation of multiple soil vapor monitoring wells. She assisted with health and safety oversight, classified the soils during drilling activities and assisted with the well installation and subsequent soil vapor sampling.

Groundwater Supply / Wells

Humboldt Energy, Water Supply Assessment

Debbie coauthored a water supply assessment report for a wind energy project located in Humboldt County, California. Through research of groundwater basins and geographic information system analysis, she finalized a report used to supplement the design and construction of over 60 wind turbines and ancillary facilities.

** denotes projects completed with other firms*

Deborah J Hernandez

Geologic Staff

Phase I & II Environmental Site Assessments

Environmental Site Assessment, San Bernardino, Ca

Debbie performed an onsite reconnaissance survey, historical records investigation, and formulated the report deliverable. The report provided a thorough review of the property history and defined present environmental concerns for the client.

Aerial Mapping

Mars Data Analyst, JPL*, Pasadena, Ca (Geology Intern)

Duties included mapping geologic safety hazards using HiRISE, CTX and THEMIS images on ArcGIS; analyzed rock classification and distributions to downselect eight landing sites to four. Characterized over 300 craters and their respective ejecta blankets for potential landing sites. Presented findings at the 2014 Geological Society of America Conference, Abstract #249384

** denotes projects completed with other firms*

Alicia R Jansen CAC, LRCIA

Environmental Scientist

Stantec

Alicia is an Associate Scientist with over ten years of experience in Phase I and II Environmental Assessments, with strong emphasis in water quality and environmental research. She is experienced in California Environmental Quality Act (CEQA) compliance and the preparation of initial studies. Alicia has managed the preparation of environmental documents, training programs, and environmental compliance during large environmental monitoring projects. Alicia's environmental consulting experience includes performing asbestos and lead-based paint surveys, oversight of contractors during asbestos abatement, hazardous materials surveys, and Phase I Environmental Site Assessments in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13.

EDUCATION

BA, Environmental Studies, San Jose State University, San Jose, California, 2004

CERTIFICATIONS & TRAINING

Residential Measurement Provider, 108212, National Radon Proficiency Program, Anaheim, California, 2015

REGISTRATIONS

Certified Asbestos Consultant #CAC #15-5379, State of California Division of Occupational Safety and Health

Lead Related Construction Inspector Assessor #19526, California Department of Public Health

MEMBERSHIPS

Member, Groundwater Resources Association of California

PROJECT EXPERIENCE

Health, Safety & Industrial Hygiene

Confidential Health Care Company, Asbestos, Lead-Based Paint, and Hazardous Materials Survey, Northern California (Staff)

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple occupied hospitals and office spaces. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings.

State of California General Services, Asbestos, Lead-Based Paint, and Hazardous Materials Survey, Northern California (Project Lead)

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple communication towers in remote areas. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings.

** denotes projects completed with other firms*

Alicia R Jansen CAC, LRCST

Environmental Scientist

Indoor Air Quality Assessments*, San Jose, California (Staff)
Alicia performed site inspections, interviews, and collected air samples to be analyzed for various air pollutants and molds including formaldehyde, penicillium, aspergillus, cladosporium, and stachybotry. She prepared reports summarizing findings and made recommendations.

Veteran's Administration of Puget Sound, Asbestos and Lead-Based Paint Survey, Seattle, Washington (Project Scientist)
Alicia served as the Project Scientist responsible for hazardous building material assessments, specifically asbestos and lead-based paint. These services were required as part of the pre-design tasks for this project. Over 300 samples were collected over the span of four days culminating in a final hazardous building materials report to be incorporated into the facility design as well as demolition activities once the construction phase of the project commences.

Interim Remedial Action, Indoor Air Sampling, and Sub-Slab Soil Gas Sampling, Sunnyvale, California (Staff)
Alicia conducted an indoor air sampling survey using air sampling pumps, dosimeter badges, and flame ionization detector (FID) during a sump excavation. She performs semi-annual sub-slab soil vapor sampling and indoor air quality surveys using summa canisters. She assists with the preparation and submittal of reports summarizing the findings and provides recommendations to the RWQCB.

Lead Dust Assessment and Abatement Oversight, Fremont, California (Project Scientist)
Alicia assisted with the evaluation of lead dust in an industrial facility. A total of 307 dust wipe samples were collected in order to evaluate the potential presence of lead dust throughout the two-story, 500,000 square foot manufacturing building.

Former Tesoro Coke Facility, Asbestos, Lead-Based Paint Survey, Pittsburg, California (Project Scientist)
Alicia assisted with an asbestos and lead paint survey of 20 structures at the facility ultimately scheduled for demolition. More than 200 samples were collected over the span of two days. A report was prepared that will stand up to regulatory scrutiny for demolition while providing the information needed for worker safety during demolition activities at the facility

Permitting, Compliance, Auditing

Tesoro Refinery, Initial Study*, Benicia, California (Staff)
Alicia assisted with the background research and preparation of applicant-prepared initial study for the upgrade of a refinery.

Transmission Line Upgrade*, San Mateo to San Francisco, California (Staff)
Alicia supported the environmental compliance program for the construction of a 27-mile 230 kV underground and overhead transmission line. She assisted with the preparation and submittal of variance requests, extra work space requests, and daily and weekly reports for submittal to the California Public Utilities Commission. She also conducted research and assisted with training and report preparation.

** denotes projects completed with other firms*

Alicia R Jansen CAC, LRCST

Environmental Scientist

Remedial Investigations & Assessments

Multiple Confidential Clients, Phase I Environmental Site Assessments (ESA), Multiple Sites, California (Project Lead)

Alicia performs Phase I ESA in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13 to achieve compliance with requirements of the "All Appropriate Inquiries" rule required to obtain protection from liability under the federal Comprehensive Environmental Response, Cleanup and Liability Act (CERCLA). Previous sites include large industrial warehouses, multi-tenant commercial buildings, and residential properties. She reviews topographic maps, Sanborn Fire Insurance Maps, and files at local regulatory agencies. She interviews present and former property owners and performed site and adjacent property reconnaissance. She prepares reports summarizing the findings and provides recommendations for further assessment if applicable.

California Department of Transportation Portfolio, Multiple Sites, Northern California (Project Lead)

Alicia prepared quarterly groundwater monitoring reports, subsurface investigation reports, sensitive receptor surveys, and preferential pathway studies for various California Department of Transportation locations throughout northern California. She assisted with the utility locating, work plan preparation, field coordination, archived data onto the State Water Resource Control Board's (RWQCB) Geotracker electronic filing system.

Homebuilder, Soil Gas Sampling and Human Health Risk Assessment, San Jose, California (Project Lead)

Alicia performed a soil vapor survey in conformance with the DTSC, Advisory Active Soil Gas Investigations, using a low-dead volume soil vapor sampling device and a mobile laboratory for onsite chemical analysis. She also assisted with the report preparation summarizing the findings and providing recommendations for further assessment, if applicable.

Goodyear Portfolio, Northern California and Hawaii (Project Lead)

Alicia performed Phase I ESAs and Phase II Site Assessments for various Goodyear Tire & Rubber Company locations throughout California and Hawaii. She assisted with the installation of monitoring wells and exploratory borings; underground storage tank removals; site restoration; product removal with passive recovery system; archived data onto the State Water Resource Control Board's Geotracker electronic filing system; and assisted with the preparation of quarterly groundwater monitoring reports, sensitive receptor surveys, site conceptual models, and subsurface investigation reports.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Kyle has more than 28 years of professional experience—17 of those years with Stantec—providing geotechnical and environmental consulting. During the course of his experience, he has been involved with a wide variety of geological and engineering projects. He has been in direct charge of quality control/quality assurance (QA/QC) work for Stantec and previous firms for geological, engineering geological, and environmental services primarily in California. Additionally, Kyle has been a primary contact for Stantec with many different clients (including multi-party actions) and regulatory bodies involving contracting, workplan approvals, site assessments and closures, permitting, remedial action, and litigation support. With regard to litigation services, Kyle has extensive experience providing expert witness testimony, second-party review, and litigation support and analysis.

Kyle's extensive experience includes assessment and remediation of property-specific and regional issues involving soil and groundwater contaminated with petroleum hydrocarbons, chlorinated solvents, heavy metals, pesticides, and PCBs.

He currently serves as the managing principal geologist in Stantec's Redlands, California office.

EDUCATION

Engineering Geology/Hydrogeology, California State University, Los Angeles, California, 1984

AS, General Science, Crafton Hills College, Yucaipa, California, 1975

BS, Geological Sciences, California State University, Long Beach, California, 1982

REGISTRATIONS

Certified Engineering Geologist #1271, State of California Issued 1985, Expires 2011

Professional Geologist #4066, State of California Issued 1985, Expires 2011

PROJECT EXPERIENCE

Bioremediation

Excavation and Treatment of Petroleum-Contaminated Soil

Kyle designed the excavation and treatment of 45,000 cubic yards of petroleum-contaminated soil. Soil treatment included utilizing vapor extraction, combined with bioremediation.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Chemicals & Polymers

Two Former Chemical Plants, Environmental Site Assessments and Remediation, Vernon, California

Mr. Emerson was part of the team for conducting Phase I and Phase II Environmental Site Assessments (ESA) and developing remedial action plans for two former chemical plant sites with 80-year industrial histories. Phase I ESAs used historical files, maps, aerial photographs, available documents, and data from public agencies and historical directories for identifying recognized environmental concerns. Extensive Phase II ESA survey activities aided in identifying below-grade structures such as vaults/USTs, as well as assessing the extent of influence and nature of the contamination. These investigations confirmed the presence of heavy metals, petroleum hydrocarbons, volatile organic compounds, polychlorinated biphenyls, radioactive materials, semi-volatile organic compounds, and polycyclic aromatic compounds in the soils for these sites. Specific areas of concern included former settling ponds, a bone yard, maintenance areas, transformer and substations, wastewater treatment facilities, and above-ground storage tank farms. A conceptual mode was developed for use in a health risk assessment and developed risk-based corrective actions to address potential health and environmental concerns. He assisted with the development and implementation of a remedial action plan, combined administrative controls, engineering controls, and active remediation; this resulted in the cost-effective return of one site to active use, and is reducing health risks to occupants and the public at the second site.

CONFIDENTIAL: Aerospace Adhesives and Coatings Plant, Glendale, California

Mr. Emerson was part of the team that conducted feasibility studies to evaluate remedial alternatives for remediation of chlorinated VOCs, 1,4 dioxane, and hexavalent chromium (CrVI) in soil, soil vapor, and groundwater. Feasibility studies included groundwater pump testing, benchscale column testing to evaluate in situ alternatives for reducing CrVI to the less mobile CrIII valence state, soil vapor extraction, capping, and excavation. Field pilot studies were performed to evaluate the efficiency of various CrVI reductants including the use of ferrous sulfate, calcium polysulfide, emulsified oil, and fructose. Extensive multi-depth soil vapor testing was conducted to evaluate the distribution of VOCs in the subsurface and to support vapor intrusion risk assessment. Feasibility studies were completed in 2008. Remedial actions are expected to be completed in 2011.

Condition Assessments

Assessment and Mitigation of Manufacturing Facility

Kyle managed the assessment and mitigation of an ammunition manufacturing facility covering 1,100 acres in a complex geologic environment. The contaminates involved red and white phosphorous, TNT, chlorinated solvents, solid wastes, and live ordinance.

Soil Contamination Assessment Supervision and Management

Kyle managed and supervised soil contamination assessment and in-situ remediation of heavy metals involving chromium, cadmium, nickel and zinc by chemical fixation to depths in excess of 40 feet below ground surface beneath existing structures within several manufacturing facilities.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Litigation Support and Expert Testimony
Kyle provided litigation support and expert testimony on more than 20 separate projects involving service stations, chlorinated solvent cases, heavy metal, and semi-volatile releases.

Corporate / Office

Commercial Developer - Environmental Remediation of Former Dry Cleaners, El Centro, California
Mr. Emerson was responsible for assessments and remediation at this former dry cleaners which released the dry cleaning chemical tetrachloroethene (PCE) to the ground and underlying groundwater. The work included initial site assessment, agency interaction and negotiations with the California Regional Water Quality Control Board (CRWQCB), and Colorado Basin Region human health risk assessment (HHRA), design and implementation of remedial investigations, feasibility studies, remedial action plans, and implementation of remediation in mitigating chlorinated solvent contamination in vadose and saturated zones at concentrations indicative of DNAPL. The results of the completed remediation, as well as continued confirmation sampling and monitoring, allowed the CRWQCB to issue site closure in 2008. The site has since been redeveloped into a new commercial development.

Environmental Assessments

Siting Studies
Kyle performed initial siting studies for potential Class I, II, and III landfills. The project included detailed geologic mapping, hydrogeological studies, and permeability studies of caps and liners.

Environmental Site Remediation

Assessment and Remedial Design, California (Project Supervisor)
Kyle supervised the assessment and remedial design of a system to eliminate salt brine contamination in shallow perched water horizons in the Yucaipa, San Bernardino, and Riverside areas of southern California.

Design and Installation of Recovery Systems*
Kyle designed and installed numerous free-product recovery systems that successfully recovered product. One of the sites contained product up to 11-feet thick covering more than three city blocks. The dissolved phase had affected a multi-aquifer system and a public drinking water system.

Geophysical Characterizations*
Kyle performed and supervised numerous geophysical characterizations to determine the extent of old landfills. He provided classification studies, landfill gas monitoring, removal verification during grading, methane collection and mitigation plans, permitting, and closure plans.

Domestic Landfill Development*
Kyle designed and supervised the dynamic consolidation of a domestic landfill for development. He used this process to minimize expected settlement to overlying structures. Kyle designed commercial developments on closed landfills that involved complex methane collection and monitoring systems and building settlement controls.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Clay Borrow Site Studies

Kyle performed more than 10 separate clay borrow site studies for determining sources of material to cap landfills; ranged from a 20-acre dry lakebed to a 450-acre parcel in complex folded marine sediments.

Assessment, Clean Up, and Regulatory Support Management, Santa, Monica (Project Manager)

Kyle managed the assessment, clean up, and complex regulatory support of a PRP site in an MTBE case (Charnock subbasin). His work involved more than 20 environmental professionals working full time for two years to complete the assessment and clean up mandated by the regulatory agencies.

Hazardous Waste

San Gabriel Valley Superfund Site, Remediation & Closure of Multiple Source Areas, Industry, California

Mr. Emerson performed feasibility studies to evaluate appropriate and relevant remedial alternatives to mitigate constituents of concern in five AOCs contaminated with chlorinated hydrocarbons, heavy metals, petroleum fuel, and cutting oils. Ultimately, a combination of remedial alternatives was implemented that included large-diameter auger excavation to 45 feet to minimize impacts on facility operations, vapor extraction, vapor intrusion risk assessment, deed restriction, and monitored natural attenuation. At the completion of remedial actions, confirmation soil, soil vapor, and groundwater sampling were conducted and followed with risk assessment to demonstrate that remedial objectives had been achieved. No further action was recently granted by the US EPA and Los Angeles Regional Water Quality Control Board.

Mixed-Use

Port of San Diego Rohr Facility, Chula Vista, California

Mr. Emerson assisted in a detailed subsurface assessment of the Rohr facility. The intent of the assessment was to evaluate the 40-acre former aircraft part manufacturing facility for acquisition by the Port of San Diego for redevelopment into a business park and entertainment complex. The assessment identified the presence of soil, soil vapor, and groundwater impacts by petroleum hydrocarbons, VOCs, heavy metals, PCBs, and semi-volatile organic compounds. He utilized many sampling techniques to assess the limits and concentrations of contaminants in the subsurface. Ultimately, the team was able to develop a cost estimate for potential remedial action cost associated to corrective action to allow redevelopment.

Master Planned Commercial/Residential Redevelopment Project, Whittier, California (Project Manager)

Kyle oversaw the assessment of 26 contiguous properties that are part of a 21-acre master planned commercial/residential redevelopment project. The properties included industrial facilities, platting lines, fuel USTs, and metal processing plants, among others. The estimated cleanup costs are approximately $2 million.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Multi-Unit / Family Residential

Residential Development Assessment, Ventura, California (Project Director)

Kyle directed an assessment of a 40-acre former agricultural property proposed for residential development. Pesticides were identified above hazardous waste levels and preliminary remediation goals established by the U.S. Environmental Protection Agency. Through corrective grading methods and onsite placement of the pesticide impacted soils, all material were re-used on site without offsite disposal. The over all cost savings for the client was more than $1 million. Total cost was less than $250,000 for all necessary activities.

Oil & Gas

Oil Field Site Assessments*

Kyle performed site assessments at oil field leases involving refineries, bulk storage areas, piping systems and wellhead, and drilling mud pit contamination.

Environmental Protection Agency Superfund Action, Culver City, California (Project Manager)

Kyle served as the project manager representing a major oil company in the assessment, remedial action, and litigation support in a multi-party contamination case affecting a City water supply. The assessment involved more than 250 continuous core borings up to 100 feet, as well as extensive remedial actions. The total cost for all related activities was $22 million. The case is settled and the closure of the site is pending.

Project Management

Liability and Property Management Consulting Services

Kyle is providing liability and property management consulting services to more than 10 medium to large property development firms in the US. His work involves property transaction assessments, contract review, acquisition guideline development, liability management evaluation, insurance acquisition, and strategic planning.

Residential Development

Environmental Development Management and Review (Project Manager)

Kyle manages and reviews environmental development issues for a large residential developer specializing in development of contaminated industrial properties by providing innovative solutions in developing contaminated properties for residential use through risk assessment, engineering, and administrative and property development controls.

Site Management and Remediation

Design and Implementation of Biodegradation Programs*, California

Kyle designed and implemented one of the first in-situ biodegradation programs in California; it involved 50,000 cubic yards of diesel-contaminated soils, and groundwater to depths of 70 feet below ground surface.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Soil and Groundwater Remediation Systems

Soil and Groundwater Contamination Assessments and Mitigation*, California (Project Manager)

Kyle managed numerous chlorinated solvent soil and groundwater contamination assessments and mitigation programs in southern California. The projects involved releases that impacted soil and groundwater to depth of groundwater more than 700 feet in multi-aquifer systems. One case involved with plume dimensions more than 1 mile from the source affecting residential properties.

Soil and Groundwater Assessment and Remediation Programs*

Implemented hundreds of soil and groundwater assessment and remediation programs at various service station facilities in Southern and Northern California, and Nevada. Work involved assessment, remedial design, installation, maintenance and monitoring. Closure has been received on a majority of these sites.

Assessment and Remediation Management*

Kyle managed the assessment and remediation of soil and groundwater manufacturing at dry cleaning facilities contaminated with chlorinated solvents.

Warehouse / Light Industrial

Glendale Redevelopment Project, Glendale, California (Project Manager)

Kyle managed the assessment and remedial actions during the redevelopment of and industrial property. The project involved the demolition of a historic manufacturing facility and a commercial dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. Remedial actions involved excavation by pattern drilling and off site disposal along with removal of former USTs. The total cost of remediation and assessment was $450,000.00.

Compton Redevelopment Project, Compton, California (Project Manager)

Kyle is serving as project manager for the assessment and remedial actions for a large redevelopment project. The project involves the redevelopment of a historic manufacturing facility and a former dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. The industrial facility was also associated with significant volumes of buried waste that required removal and disposal. These wastes also included the chemical referenced above, as well as PCBs and heavy metals. Remediation has included excavation, vapor extraction, and chemical fixation. The total cost of this project has been $2.8 million to date.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

PUBLICATIONS

In-Situ Bioremediation of an Underground Diesel Fuel Spill: A Case Study. Environmental Management, 1989.

Appendix C USER PROVIDED RECORDS

Stantec

PHASE I ESA USER'S QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an *innocent landowner, bona fide prospective purchaser,* or *contiguous property owner*, ASTM standard practice E1527-13 and the federal AAI rule (40 CFR 312) require that the User of the Phase I ESA report provide certain information (if available) to the Environmental Professional completing the assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Information that is not or cannot be provided to the Environmental Professional may be identified as a "data gap" in the Phase I ESA report.

Please answer the following questions as completely as possible. Attach additional pages as needed. Return the completed questionnaire to Stantec along with the executed Authorization For services form.

1. Property Information

Property Name: Starlite Swap Meet______________________________

Property Address(es): 2540 Rosemead Blvd______________________________

City: South El Monte______________________State CA__Zip 91733________________

Property Owner Name: California T.C. Group, L.P.______________________________

Property Owner Phone #: 617-710-0079

2. Contact For Site Access

Name: Monica Tsai______________________________

Company/Organization/Title: Property Manager______________________________

Phone # 626-456-1195______________ E-Mail Address: MonicaMaple1764@gmail.com_______

3. Environmental Cleanup Liens. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

__________ Yes ___x_______ No

If yes, describe or attach details of the lien ______________________________

____

4. Activity and Land Use Limitations. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded as applicable to the property as a result of environmental contamination, investigation, cleanup, or related matters?

__________ Yes ______x____ No

If yes, describe or attach details of the limitations ______________________________

____

5. <u>Specialized Knowledge or Experience.</u> As the User of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property, such that you would have specialized knowledge about chemicals and processes used by this type of business?

__________ Yes _____x_____ No

If yes, describe or attach details of your specialized knowledge or experience __________
____

6. <u>Relationship of Purchase Price to Fair Market Value of Property.</u> Does the purchase price being paid for the property reasonably reflect the fair market value?

x______Yes _______No

_______Not applicable. User is not involved in a purchase of the property.

If you conclude that there is a difference, do you have any reason to believe that the reduced purchase price may be related to contamination known or believed to be present at the property?

_________Yes, I have reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property.

x_________No, I have no reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property.

7. <u>Commonly Known or Reasonably Ascertainable Information.</u> Are you aware of commonly known or reasonably ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products? For example:

Do you know the past uses of the property?
x_________Yes (describe) Swap meet and drive in movie theater______________
____
____
____
_________No

Do you know of chemicals, hazardous substances or petroleum products that are present or once were present at the property?
x_________Yes (describe) Previously identified methane_____________________
____
____
____
_________No

Do you know of spills or other releases of chemicals, hazardous substances or petroleum products that have taken place at the property?

_________Yes (describe) ____

x________No

Do you know of any environmental cleanups that have taken place at the property?

_________Yes (describe) ____

x________No

8. The Degree of Obviousness of Contamination. E1527-13 and the federal AAI rule (40 CFR 312.31) require that the Phase I ESA consider the degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation. Based on your knowledge and experience related to the property, are there any *obvious* indictors that point to the presence or likely presence of contamination at the property?

x________Yes (describe) Previously identified methane____________________

_________No

9. Availability of Previous Environmental Reports. Are you aware of previous environmental site assessment reports, other environmental reports, documents, correspondence, etc. concerning the property and its environmental condition?

x________Yes (describe) _____Previous Phase I________________________

_________No

Signature: ____

Name (printed): David Tsay______________________________________

Title: Authorized Partner ____

Date: 7/29/2021____

AMENDED

First American Title

First American Title Company

1250 Corona Pointe Court, Suite 200
Corona, CA 92879

Dee Katsuda
KB Home
10990 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90024

Customer Reference: South El Monte

Order Number: OSA-6262814 (29)

Title Officer: Hugo Tello
Phone: (951)256-5883
Fax No.: (866)782-3439
E-Mail: htello@firstam.com

Buyer:
Owner: California T.C. Group, LP

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of May 28, 2020 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

CALIFORNIA T.C. GROUP, A CALIFORNIA LIMITED PARTNERSHIP

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2020-2021, a lien not yet due or payable.

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. An easement for Pipelines for the transportation of gas and incidental purposes, recorded October 28, 1948 as Instrument No. 2271 in Book 28898, Page 381 of Official Records.
   In Favor of: Southern California Gas Company and Southern Counties Gas Company
   Affects: Parcel 1

4. An easement for pipelines for the transportation of gas and incidental purposes, recorded April 6, 1949 as Instrument No. 2396 in book 29773, Page 298 of Official Records.
   In Favor of: Southern California Gas Company and Southern Counties Gas Company
   Affects: Parcel 2

5. The terms and provisions contained in the document entitled Covenant and Agreement recorded January 26, 1961 as Book M-692, Page 895 of Official Records.

   (Affects Parcel 3)

6. An easement for Covered storm drain and appurtenant structures and incidental purposes, recorded January 23, 1975 as Instrument No. 2108 of Official Records.
   In Favor of: Los Angeles County Flood Control District
   Affects: As described therein

7. An easement for Covered storm drain and appurtenant structures and incidental purposes, recorded March 21, 1975 as Instrument No. 4495 of Official Records.
   In Favor of: Los Angeles County Flood Control District
   Affects: As described therein

8. A deed of trust to secure an original indebtedness of $6,000,000.00 recorded August 04, 1989 as Instrument No. 89-1255916 of Official Records.
   Dated: July 15, 1989
   Trustor: California T.C. Group, A California Limited Partnership
   Trustee: American Securities Company, A Corporation
   Beneficiary: Wells Fargo Bank, National Association

   Affects: The land and other property.

   The above deed of trust states that it secures an equity line/revolving line of credit.

   A document recorded August 03, 1994 as Instrument No. 94-1435982 of Official Records provides that the deed of trust or the obligation secured thereby has been modified.

   A document recorded July 31, 2001 as Instrument No. 01-1365458 of Official Records provides that the deed of trust or the obligation secured thereby has been modified.

   A document recorded August 18, 2006 as Instrument No. 06-1842381 of Official Records provides that the deed of trust or the obligation secured thereby has been modified.

9. The fact that the land lies within the boundaries of the South El Monte Improvement District Project No. 3 Redevelopment Project Area Redevelopment Project Area, as disclosed by the document recorded July 17, 1998 as Instrument No. 98-1223608 of Official Records.

   (Affects Parcel 3)

10. The terms and provisions contained in the document entitled "Memorandum of Understanding" recorded July 01, 2009 as Instrument No. 20090994724 of Official Records.

11. Prior to the issuance of any policy of title insurance, the Company will require:

12. With respect to CALIFORNIA T.C. GROUP, a California limited partnership:
a. That a certified copy of the certificate of limited partnership (form LP-1) and any amendments thereto (form LP-2) be recorded in the public records;
b. A full copy of the partnership agreement and any amendments;
c. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
d. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

INFORMATIONAL NOTES

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

13. Taxes for proration purposes only for the fiscal year 2019-2020.

First Installment:	$38,451.25, PAID
Second Installment:	$38,451.21, PAID
Tax Rate Area:	12376; 03975 AND 03976
APN:	8102-037-020; 8102-037-022; 8102-037-024 AND 8102-035-017

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of South El Monte, County of Los Angeles, State of California, described as follows:

PARCEL 1: (APN: 8102-037-020 AND 8102-037-022)

PARCEL 1 OF CERTIFICATE OF COMPLIANCE /LOT LINE ADJUSTMENT RECORDED MARCH 18, 2016 AS INSTRUMENT NO. 20160296565 OF OFFICIAL RECORDS, BEING THAT PORTION OF LOT 30, TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON MAP FILED IN BOOK 15, PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, WITHIN THE FOLLOWING DESCRIBED BOUNDARIES:

BEGINNING AT A POINT IN THE EASTERLY LINE OF SAID LOT DISTANT NORTHERLY THEREON 100 FEET FROM THE SOUTHEASTERLY CORNER OF SAID LOT; THENCE NORTHWESTERLY IN A DIRECT LINE TO A POINT IN THE NORTHERLY LINE OF THE SOUTHERLY 200 FEET OF SAID LOT DISTANT WESTERLY THEREON 100 FEET FROM SAID EASTERLY LINE; THENCE WESTERLY ALONG SAID NORTHERLY LINE TO THE WESTERLY LINE OF THE EASTERLY 200 FEET OF SAID LOT; THENCE NORTHERLY ALONG SAID WESTERLY LINE TO THE NORTHERLY LINE OF THE SOUTHERLY 300 FEET OF SAID LOT; THENCE WESTERLY ALONG SAID LAST MENTIONED NORTHERLY LINE TO THE EASTERLY LINE OF THE WESTERLY 52 FEET OF SAID LOT; THENCE NORTHERLY ALONG SAID LAST MENTIONED EASTERLY LINE TO THE NORTHERLY LINE OF THE SOUTHERLY 500 FEET OF SAID LOT; THENCE EASTERLY ALONG SAID LAST MENTIONED NORTHERLY LINE TO THE WESTERLY LINE OF THE EASTERLY 100 FEET OF SAID LOT; THENCE NORTHERLY ALONG SAID LAST MENTIONED WESTERLY LINE TO THE NORTHERLY LINE OF SAID LOT; THENCE EASTERLY ALONG SAID LAST MENTIONED NORTHERLY LINE TO THE NORTHEASTERLY CORNER OF SAID LOT; THENCE SOUTHERLY ALONG THE EASTERLY LINE OF SAID LOT TO THE POINT OF BEGINNING.

PARCEL 2: (APN: 8102-037-024)

PARCEL 2 OF CERTIFICATE OF COMPLIANCE /LOT LINE ADJUSTMENT RECORDED MARCH 18, 2016 AS INSTRUMENT NO. 20160296565 OF OFFICIAL RECORDS, BEING LOT 29 OF TRACT 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON MAP FILED IN BOOK 15 PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

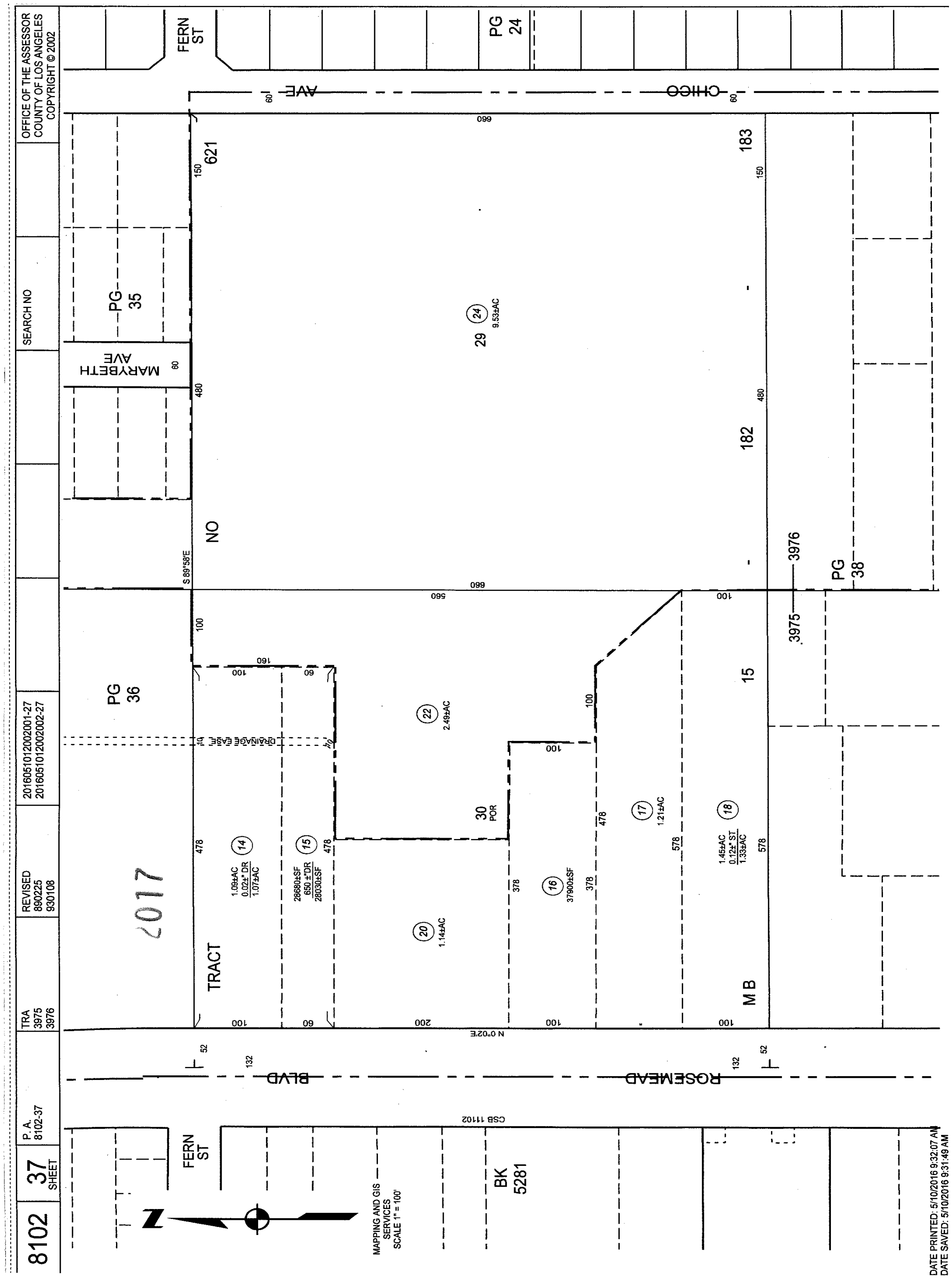
PARCEL 3: (APN: 8102-035-017)

THAT PORTION OF LOT 12, OF TRACT 621, IN THE RANCHO POTRERO GRANDE, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE EAST LINE OF SAID LOT, DISTANT SOUTH ALONG SAID EAST LINE, 250 FEET FROM THE SOUTHEAST CORNER OF LOT 22, BLOCK "C" OF TRACT 11814, AS PER MAP RECORDED IN BOOK 216 PAGE 21 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY; THENCE WEST PARALLEL WITH THE SOUTH LINE OF SAID LOT 22, A DISTANCE OF 150 FEET TO THE NORTHEAST CORNER OF THE LAND DESCRIBED IN THE DEED TO TUNIS ANTHONY KOLL AND WIFE, RECORDED DECEMBER 27, 1946 IN BOOK 24017 PAGE 407 OF OFFICIAL RECORDS OF SAID COUNTY; THENCE SOUTH ALONG THE EAST LINE AND THE SOUTHERLY PROLONGATION THEREOF OF

THE LAND SO CONVEYED, TO A POINT IN THE SOUTH LINE OF SAID LOT 12, DISTANT WEST ALONG SAID SOUTH LINE, 150 FEET FROM THE SOUTHEAST CORNER OF SAID LOT 12; THENCE EAST ALONG SAID SOUTH LINE OF LOT 12, A DISTANCE OF 150 FEET TO SAID SOUTHEAST CORNER OF LOT 12; THENCE NORTH ALONG SAID EAST LINE OF LOT 12 TO THE POINT OF BEGINNING.

EXCEPT ALL PETROLEUM, OIL AND ASPHALTUM, GAS AND ALL HYDROCARBONS IN, ON OR UNDER THE SOUTH HALF OF LOT 12, EXCEPTED AND RESERVED BY LINUS J. NIEMEYER AND CHRISTA MIEMEYER AS PER DEED RECORDED JULY 7, 1948 INSTRUMENT NO. 546, OF OFFICIAL RECORDS.


OFFICE OF THE ASSESSOR
COUNTY OF LOS ANGELES
COPYRIGHT © 2002
SEARCH NO
REVISED
890225
930108
TRA
3975
3976
P. A.
8102-37
37
SHEET
8102
FERN ST
CHICO AVE
MARYBETH AVE
ROSEMEAD BLVD
TRACT NO 621
M B 15 182-183
PG 24
PG 35
PG 36
PG 38
BK 5281
MAPPING AND GIS SERVICES
SCALE 1" = 100'
DATE PRINTED: 5/10/2016 9:32:07 AM
DATE SAVED: 5/10/2016 9:31:49 AM

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

CLTA STANDARD COVERAGE POLICY – 1990

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
   Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public, records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material unless such lien is shown by the public records at Date of Policy.

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)
EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   a. building;
   b. zoning;
   c. land use;
   d. improvements on the Land;
   e. land division; and
   f. environmental protection.
   This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:
For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.
The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$10,000
Covered Risk 18:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 19:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 21:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$5,000

2006 ALTA LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;

(iii) the subdivision of land; or
(iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
(a) created, suffered, assumed, or agreed to by the Insured Claimant;
(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
(c) resulting in no loss or damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
(a) a fraudulent conveyance or fraudulent transfer, or
(b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

[Except as provided in Schedule B - Part II,[t[or T]his policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

[PART I

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material unless such lien is shown by the Public Records at Date of Policy.

PART II

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:]

2006 ALTA OWNER'S POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;
(ii) the character, dimensions, or location of any improvement erected on the Land;
(iii) the subdivision of land; or
(iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
(a) created, suffered, assumed, or agreed to by the Insured Claimant;
(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
(c) resulting in no loss or damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 or 10); or
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
(a) a fraudulent conveyance or fraudulent transfer, or
(b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:
[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material unless such lien is shown by the Public Records at Date of Policy.
7. [Variable exceptions such as taxes, easements, CC&R's, etc. shown here.]

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;
(ii) the character, dimensions, or location of any improvement erected on the Land;
(iii) the subdivision of land; or
(iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d),

14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
(a) created, suffered, assumed, or agreed to by the Insured Claimant;
(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
(c) resulting in no loss or damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
(a) a fraudulent conveyance or fraudulent transfer, or
(b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

First American Title™

Privacy Notice

Effective: January 1, 2020

Notice Last Updated: January 1, 2020

This Privacy Notice describes how First American Financial Corporation and its subsidiaries and affiliates (together referred to as "First American," "we," "us," or "our") collect, use, store, and share your information. This Privacy Notice applies to information we receive from you offline only, as well as from third parties. For more information about our privacy practices, please visit https://www.firstam.com/privacy-policy/index.html. The practices described in this Privacy Notice are subject to applicable laws in the places in which we operate.

What Type Of Information Do We Collect About You? We collect both **personal** and **non-personal information** about and from you. **Personal information** is non-public information that can be used to directly or indirectly identify or contact you. **Non-personal information** is any other type of information.

How Do We Collect Your Information? We collect your **personal** and **non-personal information:** (1) directly from you; (2) automatically when you interact with us; and (3) from third parties, including business parties and affiliates.

How Do We Use Your Information? We may use your personal information in a variety of ways, including but not limited to providing the services you have requested, fulfilling your transactions, comply with relevant laws and our policies, and handling a claim. We may use your **non-personal information** for any purpose.

How Do We Share Your Personal Information? We do not sell your **personal information** to nonaffiliated third parties. We will only share your **personal information**, including to subsidiaries, affiliates, and to unaffiliated third parties: (1) with your consent; (2) in a business transfer; (3) to service providers; and (4) for legal process and protection. If you have any questions about how First American shares your **personal information**, you may contact us at dataprivacy@firstam.com or toll free at 1-866-718-0097.

How Do We Secure Your Personal Information? The security of your **personal information** is important to us. That is why we take commercially reasonable steps to make sure your **personal information** is protected. We use our best efforts to maintain commercially reasonable technical, organizational, and physical safeguards, consistent with applicable law, to protect your **personal information**.

How Long Do We Keep Your Personal Information? We keep your **personal information** for as long as necessary in accordance with the purpose for which it was collected, our business needs, and our legal and regulatory obligations.

Your Choices We provide you the ability to exercise certain controls and choices regarding our collection, use, storage, and sharing of your **personal information**. In accordance with applicable law, your controls and choices. You can learn more about your choices, and exercise these controls and choices, by sending an email to dataprivacy@firstam.com or toll free at 1-866-718-0097.

International Jurisdictions: Our Products are hosted and offered in the United States of America (US), and are subject to US federal, state, and local law. If you are accessing the Products from another country, please be advised that you may be transferring your **personal information** to us in the US, and you consent to that transfer and use of your **personal information** in accordance with this Privacy Notice. You also agree to abide by the applicable laws of applicable US federal, state, and local laws concerning your use of the Products, and your agreements with us.

We may change this Privacy Notice from time to time. Any and all changes to this Privacy Notice will be reflected on this page, and where appropriate provided in person or by another electronic method. **YOUR CONTINUED USE, ACCESS, OR INTERACTION WITH OUR PRODUCTS OR YOUR CONTINUED COMMUNICATIONS WITH US AFTER THIS NOTICE HAS BEEN PROVIDED TO YOU WILL REPRESENT THAT YOU HAVE READ AND UNDERSTOOD THIS PRIVACY NOTICE.**

Contact Us dataprivacy@firstam.com or toll free at 1-866-718-0097.

First American Title™

For California Residents

If you are a California resident, you may have certain rights under California law, including but not limited to the California Consumer Privacy Act of 2018 ("CCPA"). All phrases used in this section shall have the same meaning as those phrases are used under California law, including the CCPA.

Right to Know. You have a right to request that we disclose the following information to you: (1) the categories of **personal information** we have collected about or from you; (2) the categories of sources from which the **personal information** was collected; (3) the business or commercial purpose for such collection and/or disclosure of your personal information; (4) the categories of third parties with whom we have shared your **personal information**; and (5) the specific pieces of your **personal information** we have collected. To submit a verified request for this information, go to our online privacy policy at www.firstam.com/privacy-policy to submit your request or call toll-free at 1-866-718-0097. You may also designate an authorized agent to submit a request on your behalf by going to our online privacy policy at www.firstam.com/privacy-policy to submit your request or by calling toll-free at 1-866-718-0097 and submitting written proof of such authorization to dataprivacy@firstam.com.

Right of Deletion. You also have a right to request that we delete the **personal information** we have collected from you. This right is subject to certain exceptions available under the CCPA and other applicable law. To submit a verified request for deletion, go to our online privacy policy at www.firstam.com/privacy-policy to submit your request or call toll-free at 1-866-718-0097. You may also designate an authorized agent to submit a request on your behalf by going to our online privacy policy at www.firstam.com/privacy-policy to submit your request or by calling toll-free at 1-866-718-0097 and submitting written proof of such authorization to dataprivacy@firstam.com.

Verification Process. For either a request to know or delete, we will verify your identity before responding to your request. To verify your identity, we will generally match the identifying information provided in your request with the information we have on file about you. Depending on the sensitivity of the personal information requested, we may also utilize more stringent verification methods to verify your identity, including but not limited to requesting additional information from you and/or requiring you to sign a declaration under penalty of perjury.

Right to Opt-Out. We do not sell your personal information to third parties, and do not plan to do so in the future.

Right of Non-Discrimination. You have a right to exercise your rights under California law, including under the CCPA, without suffering discrimination. Accordingly, First American will not discriminate against you in any way if you choose to exercise your rights under the CCPA.

Collection Notice. The following is a list of the categories of personal information we may have collected about California residents in the twelve months preceding the date this Privacy Notice was last updated, including the business or commercial purpose for said collection, the categories of sources from which we may have collected the personal information, and the categories of third parties with whom we may have shared the personal information:

Categories of Personal Information Collected	The categories of personal information we have collected include, but may not be limited to: real name; signature; alias; SSN; physical characteristics or description, including protected characteristics under federal or state law; address; telephone number; passport number; driver's license number; state identification card number; IP address; policy number; file number; employment history; bank account number; credit card number; debit card number; financial account numbers; commercial information; internet or other electronic network activity; geolocation data; audio and visual information; professional or employment information; and inferences drawn from the above categories to create a profile about a consumer.
Categories of Sources	Categories of sources from which we've collected **personal information** include, but may not be limited to: the consumer directly; public records; governmental entities; non-affiliated third parties; social media networks; affiliated third parties
Business Purpose for Collection	The business purposes for which we've collected **personal information** include, but may not be limited to: completing a transaction for our Products; verifying eligibility for employment; facilitating employment; performing services on behalf of affiliated and non-affiliated third parties; debugging to identify and repair errors that impair existing intended functionality on our Websites, Applications, or Products; protecting against malicious, deceptive, fraudulent, or illegal activity

Categories of Third Parties Shared	The categories of third parties with whom we've shared **personal information** include, but may not be limited to: advertising networks; internet service providers; data analytics providers; service providers; government entities; operating systems and platforms; social media networks; non-affiliated third parties; affiliated third parties

Categories of Personal Information We Have Sold In The Past Year. We have not sold any personal information of California residents to any third party in the twelve months preceding the date this Privacy Notice was last updated.

Categories of Personal Information Disclosed For A Business Purpose In The Past Year. The following is a list of the categories of **personal information** of California residents we may have disclosed for a business purpose in the 12 months preceding the date this Privacy Notice was last updated: The categories of personal information we have collected include, but may not be limited to: real name; signature; alias; SSN; physical characteristics or description, including protected characteristics under federal or state law; address; telephone number; passport number; driver's license number; state identification card number; IP address; policy number; file number; employment history; bank account number; credit card number; debit card number; financial account numbers; commercial information; internet or other electronic network activity; geolocation data; audio and visual information; professional or employment information; and inferences drawn from the above categories to create a profile about a consumer.

Appendix D ENVIRONMENTAL AGENCY DATABASE SEARCH REPORT

2540 Rosemead Blvd,
2540 Rosemead Blvd,
South El Monte, CA 91733

Inquiry Number: 6596379.2s
July 28, 2021

The EDR Radius Map™ Report with GeoCheck®

EDR®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2540 ROSEMEAD BLVD,
SOUTH EL MONTE, CA 91733

COORDINATES

Latitude (North):	34.0583620 - 34˚ 3' 30.10''
Longitude (West):	118.0637050 - 118˚ 3' 49.33''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	401832.0
UTM Y (Meters):	3768942.8
Elevation:	241 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630799 EL MONTE, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515, 20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
2540 ROSEMEAD BLVD,
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	SAN GABRIEL VALLEY		AOCONCERN	Same	446, 0.084, NNW
Reg	SAN GABRIEL VALLEY (	PECK RD & REAL	NPL, SEMS, US ENG CONTROLS, ROD, PRP, CONSENT,...	Same	1 ft.
A1	GENERAL ENAMELING CO	2461 1/2 N CHICO	RCRA-SQG, HAZNET, HWTS	Higher	8, 0.002, ESE
A2	C K M	2465 CHICO AVE	WIP	Higher	10, 0.002, ESE
A3	CEMCO	2465 CHICO AVE	WIP	Higher	10, 0.002, ESE
A4	GENERAL ENAMELING CO	2463 CHICO AVE	WIP	Higher	18, 0.003, ESE
A5	PAUL PACIFIC PLUMBIN	2463 CHICO AVE	CPS-SLIC, WIP, CERS	Higher	18, 0.003, ESE
A6	ELDON DRAPERY CLEANE	2461 CHICO AVE	CPS-SLIC, DRYCLEANERS, WIP, HWTS	Higher	25, 0.005, ESE
A7	ELDON DRAPERY CLEANE	2461 CHICO AVE	EDR Hist Cleaner	Higher	25, 0.005, ESE
A8	K. L. ENTERPRISES	2459 CHICO AVE	WIP	Higher	33, 0.006, ESE
A9	COUNTRY OAK MANUFACT	2459 CHICO AVE	HAZNET, HWT, WIP	Higher	33, 0.006, ESE
A10	IDEAL FUMAGATION	2459 CHICO AVE	CERS HAZ WASTE, CERS, HWTS	Higher	33, 0.006, ESE
A11	SMITH INDUSTRIAL TIR	2459 CHICO AVE	WIP	Higher	33, 0.006, ESE
A12	SENSITIVE ENVIRONMEN	2459 1/2 CHICO AVE	RCRA NonGen / NLR	Higher	33, 0.006, ESE
A13	JJ FURNITURE CO.	2457 CHICO AVE	WIP	Higher	40, 0.008, ESE
A14	TOOL & DIE WELDING C	2457 CHICO AVE	WIP	Higher	40, 0.008, ESE
A15	T&T FABRICATING	2457 CHICO AVE	WIP	Higher	40, 0.008, ESE
B16	SUNSET LADDER CO	2526 ROSEMEAD BLVD	HIST UST	Higher	46, 0.009, SSW
B17	SUNSET LADDER CO	2526 NO ROSEMEAD BLV	SWEEPS UST, HIST UST, LOS ANGELES CO. HMS, WIP	Higher	46, 0.009, SSW
C18	ABS AUTO BODY REPAIR	2570 CHICO AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	77, 0.015, East
C19	ABS AUTO BODY REPAIR	2570 CHICO AVE	RCRA NonGen / NLR	Higher	77, 0.015, East
A20	AMC FORKLIFT GENERAT	2504 CHICO AVE	RCRA-SQG, FINDS, ECHO	Higher	77, 0.015, ESE
A21	HIGH STRESS CASTING	2524 CHICO AVE	WIP	Higher	92, 0.017, East
C22	ALLOYS NON-FERROUS F	2532 CHICO AVE	WDS, WIP, CIWQS	Higher	92, 0.017, East
A23	IMPORT GLASS CORP.	2510 CHICO AVE	WIP	Higher	92, 0.017, ESE
A24	M. V. A. ENTERPRISES	2466 CHICO AVE	WIP	Higher	93, 0.018, ESE
B25	TONEY'S AUTO ELECTRI	2547 ROSEMEAD BLVD	WIP	Higher	96, 0.018, WNW
B26	TRIO CARBURETOR	2545 ROSEMEAD BLVD	RCRA-SQG, FINDS, ECHO	Higher	96, 0.018, West
D27	COLE LIGHTING	2560 NORTH ROSEMEAD	RCRA NonGen / NLR	Higher	103, 0.020, NNE
D28	C.W. COLE & CO. INC.	2560 ROSEMEAD BLVD	NPDES, WIP	Higher	103, 0.020, NNE
D29	C. W. COLE & CO INC	2560 NO. ROSEMEAD BL	CERS HAZ WASTE, EMI, CERS	Higher	103, 0.020, NNE
C30	A & E SHEET METAL WO	2604 CHICO AVE	WIP	Higher	110, 0.021, ENE
A31	CEMCO FITNESS PRODUC	2453 CHICO AVE	WIP	Higher	142, 0.027, ESE
E32	LIBERTY CLIMATE CONT	2447 CHICO AVE	WIP, CERS	Higher	142, 0.027, ESE
B33	SNYDER RESEARCH LABO	2535 ROSEMEAD BLVD	WIP	Lower	143, 0.027, West
A34	AMEX DIE CUTTING SER	2454 CHICO AVE	WIP	Higher	149, 0.028, ESE
A35	A AND G COMPRESSOR P	2410 N CHICO	RCRA-SQG, FINDS, ECHO	Higher	168, 0.032, ESE
A36	WORLD IMPORTS	2446 CHICO AVE	WIP	Higher	200, 0.038, ESE
B37	ABC DISTRIBUTING	2501 ROSEMEAD BLVD	WIP	Lower	231, 0.044, SW

MAPPED SITES SUMMARY

Target Property Address:
2540 ROSEMEAD BLVD,
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E38	REMINGTON ROLL FORMI	2445 1/2 CHICO AVE	CERS HAZ WASTE, HAZNET, LOS ANGELES CO. HMS, CERS	Higher	237, 0.045, ESE
E39	REMINGTON ROLL FORMI	2445 CHICO AVE	WIP	Higher	237, 0.045, ESE
E40	REMINGTON ROLL FORMI	2445 1/2 CHICO AVE	RCRA NonGen / NLR	Higher	237, 0.045, ESE
E41	L. A. ANNEX	2445 CHICO AVE	WIP	Higher	237, 0.045, ESE
F42	PACIFIC HARDWARE MFG	2442 CHICO AVE	WIP	Higher	254, 0.048, ESE
G43	CALIFORNIA TC GROUP,	2622 CHICO AVE	RCRA NonGen / NLR	Higher	265, 0.050, ENE
G44	CAL TC GROUP	2622 CHICO AVENUE	RCRA NonGen / NLR	Higher	265, 0.050, ENE
G45	CALIFORNIA TC GROUP,	2622 CHICO AVE	CPS-SLIC, HAZNET, NPDES, CIWQS, HWTS	Higher	265, 0.050, ENE
G46	BRITE-WAY LAUNDRY	2622 CHICO AVE	HIST UST, WIP	Higher	265, 0.050, ENE
F47	PRECISION HINGE CO.,	2436 CHICO AVE	WIP	Higher	311, 0.059, ESE
B48	CHAMP CORP	2500 ROSEMEAD BLVD	CPS-SLIC, SWEEPS UST, LOS ANGELES CO. HMS, WIP,...	Lower	315, 0.060, SSW
B49	CHAMP CORP.	2500 ROSEMEAD BLVD N	LUST, Cortese, HIST CORTESE, CERS	Lower	315, 0.060, SSW
E50	COAST MACHINERY MOVE	2431 CHICO AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	328, 0.062, SE
E51	COAST MACHINERY MOVE	2431 CHICO AVE	RCRA NonGen / NLR	Higher	328, 0.062, SE
E52	COAST MACHINERY MOVE	2431 CHICO AVE	SWEEPS UST, HIST UST, WDS, WIP, HWTS	Higher	328, 0.062, SE
F53	COAST MACHENARY MOVE	2432 CHICO AVENUE	HIST UST	Higher	331, 0.063, ESE
H54	LUV MANUFACTURING	2611 ROSEMEAD BLVD	WIP	Higher	342, 0.065, NW
H55	AAMEC CORP	2611 ROSEMEAD BLVD	RCRA-SQG, FINDS, ECHO	Higher	342, 0.065, NW
H56	SBICCA OF CALIFORNIA	2620 ROSEMEAD BLVD	WIP	Higher	345, 0.065, NNW
I57	EUROPEAN AUTO TECH	2456 1/4 ROSEMEAD BL	RCRA NonGen / NLR	Lower	373, 0.071, SSW
I58	HOS ENTERPRISES	2456 ROSEMEAD BLVD	LOS ANGELES CO. HMS, WIP	Lower	373, 0.071, SSW
I59	EL MONTE STEEL TREAT	2456 N ROSEMEAD BLVD	RCRA-SQG, FINDS, ECHO, LOS ANGELES CO. HMS	Lower	373, 0.071, SSW
I60	EUROPEAN AUTOMOTIVE	2456 1/4 ROSEMEAD BL	EDR Hist Auto	Lower	373, 0.071, SSW
61	VACANT BUILDING	9630 FERN ST	WIP	Higher	383, 0.073, East
I62	HOOTER BROS ENAMELIN	2460 N ROSEMEAD BLVD	RCRA-SQG, CPS-SLIC, EMI, CERS	Lower	394, 0.075, SSW
I63	HOOTER BROS ENAMELIN	2460 N. ROSEMEAD BLV	EMI, WIP	Lower	394, 0.075, SSW
I64	BUCHANAN CO., INC.	2464 ROSEMEAD BLVD.	CPS-SLIC, WIP	Lower	415, 0.079, SSW
H65	WIEZBISKI JOHN/JANET	2656 ROSEMEAD BLVD	WIP	Higher	430, 0.081, NNW
H66	JOHN WIEZBISKI	2656 ROSEMEAD BLVD	SWEEPS UST, LOS ANGELES CO. HMS	Higher	430, 0.081, NNW
H67	ON THE SPOT	2656 ROSEMEAD BLVD	WIP	Higher	430, 0.081, NNW
H68	A-WARE CHARTER	2656 ROSEMEAD BLVD	WIP	Higher	430, 0.081, NNW
H69	ROY'S BODY SHOP	2656 ROSEMEAD BLVD	WIP	Higher	430, 0.081, NNW
H70	ADVANCE SCREW PRODUC	2650 ROSEMEAD BLVD	CERS HAZ WASTE, WIP, CERS	Higher	431, 0.082, North
H71	VACATION ENTERPRISES	2650 ROSEMEAD BLVD	WIP	Higher	431, 0.082, North
J72	GR ROLL OFF SERVICE,	2552 TROY AVE	RCRA NonGen / NLR	Lower	450, 0.085, West
H73	NEW WORLD AUTOMOTIVE	2627 ROSEMEAD BLVD	RCRA NonGen / NLR	Higher	452, 0.086, NNW
H74	NEW WORLD AUTOMOTIVE	2627 N ROSEMEAD BLVD	CERS HAZ WASTE, CERS	Higher	452, 0.086, NNW
I75	SOUTH CALIFORNIA PRO	2450 ROSEMEAD BLVD	HAZNET, WIP, HWTS	Lower	478, 0.091, South
I76	JC HAULING	2450 ROSEMEAD BLVD	RCRA NonGen / NLR	Lower	478, 0.091, South

MAPPED SITES SUMMARY

Target Property Address:
2540 ROSEMEAD BLVD,
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K77	VANSCO	2652 LASHBROOK AVE	CPS-SLIC, CERS HAZ WASTE, WIP, CERS	Higher	493, 0.093, NNE
H78	JLC CORPORATION DBA	2637 N ROSEMEAD BLVD	RCRA NonGen / NLR	Higher	506, 0.096, NNW
H79	SUPERIOR STD TRANSM	2637 ROSEMEAD BLVD	EDR Hist Auto	Higher	506, 0.096, NNW
H80	JLC CORPORATION DBA	2637 N ROSEMEAD BLVD	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	506, 0.096, NNW
H81	SUPERIOR AUTO PARTS	2637 ROSEMEAD BLVD	WIP	Higher	506, 0.096, NNW
F82	RAYPACK, INC.	2410 & 2416 CHICO AV	CPS-SLIC, CERS	Higher	511, 0.097, SE
K83	ROCAM, INC.	2655 LASHBROOK AVE	WIP	Higher	516, 0.098, NNE
L84	RAYPACK, INC.	2416 CHICO AVE	WIP	Higher	540, 0.102, SE
L85	COIT DRAPERY CLEANER	2411 CHICO AVENUE	CPS-SLIC, HIST UST, WIP	Higher	554, 0.105, SE
L86	COIT DRAPERY CLEANER	2411 CHICO AVE	EDR Hist Cleaner	Higher	554, 0.105, SE
L87	COIT DRAPERY & CARPE	2411 CHICO AVE	DRYCLEANERS	Higher	554, 0.105, SE
H88	KECK AND SCHMIDT TOO	2610 TROY AVE	RCRA-SQG, HAZNET, HWTS	Lower	556, 0.105, NW
H89	KECK & SCHMIDT TOOL	2610 TROY AVE	CERS HAZ WASTE, WIP, CERS	Lower	556, 0.105, NW
L90	A & R LUGGAGE	9605 KLINGERMAN ST	WIP	Higher	563, 0.107, ESE
L91	J. P. MILLER COMPANY	2410 CHICO AVE	WIP	Higher	583, 0.110, SE
I92	UNITED METAL FABRICA	2434 ROSEMEAD BLVD	WIP	Lower	589, 0.112, South
K93	YON MING AUTO CO., I	2656 LASHBROOK AVE	WIP	Higher	599, 0.113, NNE
K94	SNS AUTOBODY 8FX INC	2656 LASHBROOK AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	599, 0.113, NNE
I95	K.V. COLLECTION	2438 ROSEMEAD BLVD	WIP	Lower	612, 0.116, South
J96	BLANCO'S WELDING	9329 FERN ST	WIP, CERS	Lower	615, 0.116, WNW
K97	LEISURE SHOE CO., IN	2657 LASHBROOK AVE	WIP	Higher	617, 0.117, NNE
L98	FLEXFIRM PRODS	2300 N CHICO AVE	RCRA-SQG, CERS HAZ WASTE, FINDS, ECHO, EMI, NPDES,..	Higher	617, 0.117, SE
I99	MAVERICK MACHINERY C	2440 ROSEMEAD BLVD	WIP	Lower	622, 0.118, South
L100	PHIL S AUTO SALVAGE	2405 CHICO AVE	WIP, CIWQS	Higher	624, 0.118, SE
L101	MONTEREY CASKET CO	2404 CHICO AVE	CERS HAZ WASTE, HAZNET, HWTS	Higher	632, 0.120, SE
L102	MONTEREY CASKET CO	2404 CHICO AVE	RCRA NonGen / NLR	Higher	632, 0.120, SE
L103	MONTEREY CASKET CO.,	2404 CHICO AVE	CPS-SLIC, EMI, WIP, CERS	Higher	632, 0.120, SE
I104	NOMAD FASTENER CO.	2442 ROSEMEAD BLVD	WIP	Lower	633, 0.120, South
M105	MSDS	2643 ROSEMEAD BLVD	WIP	Higher	647, 0.123, NNW
L106	AT AUTO REPAIR CENTE	9609 KLINGERMAN ST	RCRA NonGen / NLR	Higher	661, 0.125, ESE
L107	A T AUTO REPAIR CENT	9609 KLINGERMAN ST	CERS HAZ WASTE, LOS ANGELES CO. HMS, CERS	Higher	661, 0.125, ESE
L108	ARTEESTIC GARMENT PR	9609 KLINGERMAN ST	RCRA-SQG, FINDS, ECHO, LOS ANGELES CO. HMS	Higher	661, 0.125, ESE
N109	CHAMP CORP	2440 TROY AVE	SWEEPS UST, LOS ANGELES CO. HMS	Lower	679, 0.129, SW
O110	QUALITY MOBILE HOME	2420 ROSEMEAD BLVD	WIP	Lower	680, 0.129, South
P111	PACIFIC MARINE SYSTE	9619 KLINGERMAN ST	RCRA NonGen / NLR	Higher	708, 0.134, ESE
P112	MIKE'S MICRO PARTS	9619 KLINGERMAN ST	WIP	Higher	708, 0.134, ESE
L113	SILVER STREAK TRAILE	2319 CHICO AVE	CPS-SLIC, WIP, CERS	Higher	714, 0.135, SE
O114	CUNNINGHAM CO., INC.	2424 ROSEMEAD BLVD	WIP	Lower	717, 0.136, South
Q115	A-TEMP REFRIGERATION	9321 FERN ST	CERS HAZ WASTE, CERS	Lower	726, 0.138, WNW

MAPPED SITES SUMMARY

Target Property Address:
2540 ROSEMEAD BLVD,
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q116	A TEMP REFRIGERATION	9321 FERN ST	RCRA NonGen / NLR	Lower	726, 0.138, WNW
O117	EDAB PROPERTIES, LLC	2426 ROSEMEAD BLVD	RCRA NonGen / NLR	Lower	731, 0.138, South
O118	DC SHEET METAL CO.	2426 ROSEMEAD BLVD	WIP, HWTS	Lower	731, 0.138, South
P119	SERVEX CORP.	9620 KLINGERMAN ST	WIP	Higher	739, 0.140, SE
O120	HYDE ENGINEERING COR	2428 ROSEMEAD BLVD	CPS-SLIC, WIP, CERS	Lower	744, 0.141, South
R121	ASSOC. SILK SCREEN P	2712 CHICO AVE	WIP	Higher	749, 0.142, NE
M122	ELECTRO PLATE RACK C	2640 TROY AVE	WIP	Higher	774, 0.147, NW
O123	ARTISTIC PRESENTATIO	2400 ROSEMEAD BLVD	WIP	Lower	800, 0.152, South
P124	SPECTRA TONE CO	9635 E KLINGERMAN ST	SWEEPS UST	Higher	809, 0.153, ESE
S125	MARTINEZ MATTRESS	2671 TROY AVE	WIP	Higher	817, 0.155, NW
P126	SPECTRA-TONE PAINT C	9635-43 KLINGERMAN	HIST UST	Higher	819, 0.155, ESE
P127	SPECTRA-TONE PAINT C	9635 KLINGERMAN ST	RCRA-SQG, HIST UST, HAZNET, WIP, HWTS	Higher	819, 0.155, ESE
M128	D & T SEWING FACTORY	2700 BRUIN AVE	WIP	Higher	823, 0.156, North
S129	FRANK AND SMITH MASO	2639 TROY AVE	RCRA-SQG, CERS HAZ WASTE, FINDS, ECHO, HAZNET,...	Higher	825, 0.156, NW
T130	SOUTHERN CALIF IMPOR	2328 NO ROSEMEAD BLV	HIST UST, LOS ANGELES CO. HMS, WIP	Lower	839, 0.159, South
T131	SOUTHERN CALIF. IMPO	2328 ROSEMEAD BLVD	HIST UST	Lower	839, 0.159, South
R132	DECORATIVE CABINET,	2718 CHICO AVE	WIP, CERS	Higher	862, 0.163, NE
U133	PORTER MFG. & SUPPLY	2251 CHICO AVE	WIP	Higher	865, 0.164, SE
P134	ALTERNATIVE MATERIAL	9643 KLINGERMAN ST	RCRA-SQG	Higher	880, 0.167, ESE
P135	ALTERNATIVE MATERIAL	9643 KLINGERMAN ST	RCRA NonGen / NLR	Higher	880, 0.167, ESE
P136	AUTOMATIC FIRE CONTR	9600 KLINGERMAN ST	RCRA NonGen / NLR	Higher	889, 0.168, SE
P137	FEATHER-LITE OF SO.C	9600 KLINGERMAN ST	WIP	Higher	889, 0.168, SE
V138	RODRIGUEZ BROTHER'S	2542 LEE AVE	NPDES, WIP	Lower	894, 0.169, West
Q139	OK AUTO GROUP INC	2558 LEE AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	895, 0.170, West
Q140	OK AUTO GROUP INC	2558 LEE AVE	RCRA-VSQG	Lower	895, 0.170, West
Q141	OK AUTO COLLISION CE	2558 LEE AVE	RCRA NonGen / NLR	Lower	895, 0.170, West
V142	HARMONY METAL POLISH	2510 LEE AVE	WIP	Lower	904, 0.171, WSW
V143	HARMONY METAL FINISH	2510 LEE AVE	RCRA-SQG, FINDS, ECHO	Lower	904, 0.171, WSW
V144	COATINGS RESOURCE CO	2552 LEE AVE	CPS-SLIC, WIP, CERS	Lower	909, 0.172, West
V145	M - MACHINE	2516 LEE AVE	WIP	Lower	915, 0.173, West
W146	CO-OP BACKHOE	2710 N BRUIN AVE	WIP	Higher	918, 0.174, North
V147	LORENZO AND SONS BOI	2512 LEE AVE	WIP	Lower	918, 0.174, WSW
N148	CHAMP CORP	2425 TROY AVE	SWEEPS UST, LOS ANGELES CO. HMS	Lower	920, 0.174, SW
P149	AMERICAN GENERAL BUS	2430 CHICO AVE	CPS-SLIC, WIP, CERS	Higher	925, 0.175, SE
P150	PRIME ENGINEERING	9640 KLINGERMAN ST	CPS-SLIC, WIP, CERS	Higher	930, 0.176, ESE
X151	DIAL ONE BUY-RITE TR	2502 LEE AVE	WIP	Lower	937, 0.177, WSW
V152	DAY-GLO COLOR CORP	2552 N LEE AVE	RCRA-SQG, EMI, LOS ANGELES CO. HMS	Lower	939, 0.178, West
N153	BROADWAY PLASTIC COR	2423 TROY AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	949, 0.180, SW
N154	SOUTH ALLIANCE INDUS	2423 TROY AVENUE	RCRA NonGen / NLR	Lower	949, 0.180, SW

MAPPED SITES SUMMARY

Target Property Address:
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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
N155	SOUTH ALLIANCE INDUS	2423 TROY AVENUE	SWEEPS UST, HAZNET, LOS ANGELES CO. HMS, HWTS	Lower	949, 0.180, SW
N156	BROADWAY PLASTIC	2423 N. TROY AVE.	SEMS	Lower	949, 0.180, SW
N157	CONTRACTORS LIFT TRU	2423 N TROY ST	RCRA-SQG, FINDS, ECHO, LOS ANGELES CO. HMS	Lower	949, 0.180, SW
Y158	CHAMP CORPORATION	SITE: 2423 TROY STRE	HIST UST	Lower	960, 0.182, SW
R159	JAYBIRD CAMPERS	2734 CHICO AVE	WIP	Higher	979, 0.185, NE
Q160	VACANT BUILDING	2620 LEE AVE	WIP	Lower	981, 0.186, WNW
X161	UNITED SPRINKLER COM	2448 LEE AVE	HIST UST, WIP	Lower	987, 0.187, WSW
R162	MEISENBERG GEO D (DE	2734 CHICO AVE	CERS HAZ WASTE, LOS ANGELES CO. HMS, CERS	Higher	987, 0.187, NE
X163	JFC CUSTOM FURNITURE	2519 N LEE AVE	WIP	Lower	995, 0.188, WSW
Z164	FORMER PRIME ENGINEE	9702 KLINGERMAN ST	CPS-SLIC, WIP, CERS	Higher	998, 0.189, ESE
Z165	MANUFACTURERS SERVIC	9715 KLINGERMAN ST	WIP	Higher	1006, 0.191, ESE
Y166	G & M BACK HOE	2402 TROY AVE	WIP	Lower	1008, 0.191, SSW
Y167	G & M BACKHOE SERVIC	2402 TROY AVE	RCRA-SQG, FINDS, ECHO, LOS ANGELES CO. HMS	Lower	1008, 0.191, SSW
V168	J F C FURNITURE REFI	2519 LEE AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	1014, 0.192, West
V169	J F C FURNITURE REFI	2519 LEE AVE	RCRA NonGen / NLR	Lower	1014, 0.192, West
S170	N & J AUTO	2659 TROY AVE	CERS HAZ WASTE, CERS	Higher	1017, 0.193, NW
V171	BOATMAN MARKING INC	2553 LEE AVE	CERS HAZ WASTE, HAZNET, HWTS	Lower	1024, 0.194, West
X172	LUSOL PRODUCTS	2446 LEE AVE	SWEEPS UST, HIST UST, WIP	Lower	1025, 0.194, WSW
X173	WILLIAM L BINGLEY	2446 LEE AVE	HIST UST, HAZNET, HWTS	Lower	1025, 0.194, WSW
X174	WILLIAM L BINGLEY	2446 LEE AVE	RCRA NonGen / NLR	Lower	1025, 0.194, WSW
X175	GOLDEN SPRING MANAGE	2446 LEE AVE	RCRA NonGen / NLR	Lower	1025, 0.194, WSW
U176	CONTINENTAL WOODWORK	2227 CHICO AVE	WIP	Higher	1028, 0.195, SSE
W177	SMOG CENTER	2722 N BRUIN AVE	WIP	Higher	1042, 0.197, North
X178	UNITEX MFG INC	2511 LEE AVE	RCRA NonGen / NLR	Lower	1043, 0.198, WSW
Y179	RIVERAS AUTO REPAIR	9366 KLINGERMAN ST	WIP	Lower	1046, 0.198, SSW
Z180	ROC-AIRE CORP.	9710 KLINGERMAN ST	CPS-SLIC, WIP, CERS	Higher	1054, 0.200, ESE
AA181	BOLCO ATHLETIC CO.,	2638 LEE AVE	EMI, WIP, CERS	Higher	1059, 0.201, WNW
AA182	LA TRIM INC	2638 LEE AVE	RCRA NonGen / NLR, FINDS, ECHO, LOS ANGELES CO....	Higher	1059, 0.201, WNW
Z183	AIR DISTRIBUTION PRO	9721 KLINGERMAN ST	WIP	Higher	1062, 0.201, ESE
Z184	SANTA CLAUS, INC.	9721 KLINGERMAN ST	WIP	Higher	1062, 0.201, ESE
Y185	HOLST PAINTING & DEC	2407 TROY AVE	WIP	Lower	1062, 0.201, SW
T186	BHY TRUCKING INC.	2317 N. ROSEMEAD BLV	CPS-SLIC, WIP	Lower	1081, 0.205, SSW
T187	BHY TRUCKING INC	2317 ROSEMEAD BLVD	RCRA NonGen / NLR, FINDS, ECHO	Lower	1081, 0.205, SSW
X188	MARGE WARNER	2459 LEE AVE N	LUST, Cortese, HIST CORTESE, LOS ANGELES CO. HMS,...	Lower	1082, 0.205, WSW
X189	COMMERCIAL LOT CLEAN	2459 NO LEE AVENUE	AST, SWEEPS UST, HIST UST, LOS ANGELES CO. HMS	Lower	1082, 0.205, WSW
X190	COMMERCIAL LOT CLEAN	2459 LEE AVE.	CPS-SLIC, HWTS	Lower	1082, 0.205, WSW
X191	AMERICAN WRECKING IN	2459 LEE AVE	RCRA NonGen / NLR	Lower	1082, 0.205, WSW
X192	AMERICAN WRECKING IN	2459 LEE AVE	CERS HAZ WASTE, HIST UST, CERS TANKS, WIP, CERS	Lower	1082, 0.205, WSW
X193		2459 LEE AVE	AST	Lower	1082, 0.205, WSW

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U194	HOW E. BAKER CO. (HE	2224 CHICO AVE	WIP	Higher	1087, 0.206, SE
T195	BUDCO	2310 ROSEMEAD BLVD	WIP	Lower	1091, 0.207, South
AA196	D T GRAPHICS	2621 LEE AVE	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Lower	1101, 0.209, WNW
AB197	FLEXFIRM PRODS	2300 CHICO AVE.	CPS-SLIC, WIP	Higher	1114, 0.211, SE
Y198	DAVID CHEN PROPERTY	9329 KLINGERMAN ST	UST	Lower	1117, 0.212, SW
Z199	J.O.B. PRECISION MAC	9718 KLINGERMAN ST	WIP	Higher	1120, 0.212, ESE
AC200	SURE SHOT NEGATIVE &	2424 LEE AVE	WIP	Lower	1121, 0.212, SW
AD201	E C CONSTRUCTION CO	2213 CHICO AVE	RCRA NonGen / NLR	Lower	1131, 0.214, SSE
AD202	E C CONSTRUCTION CO	2213 CHICO AVE	LUST, AST, CERS HAZ WASTE, SWEEPS UST, HIST UST,...	Lower	1131, 0.214, SSE
AD203	E.C. CONSTRUCTION	2213 CHICO AVE	HIST UST, WIP	Lower	1131, 0.214, SSE
AD204		2213 CHICO AVE	AST	Lower	1131, 0.214, SSE
AA205	MAC AUTO BODY SHOP I	2631 LEE AVE	RCRA NonGen / NLR	Lower	1132, 0.214, WNW
AA206	MAC AUTO BODY SHOP I	2631 LEE AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	1132, 0.214, WNW
AD207	A & A SCREW PRODUCTS	2217 CHICO AVE	WIP	Lower	1159, 0.220, SE
AE208	AIR DISTRIBUTION PRO	9733 KLINGERMAN ST	WIP	Higher	1160, 0.220, ESE
W209	FREDDIE MAC'S INC	2740 NORTH BRUIN AVE	HAZNET, WIP	Higher	1160, 0.220, North
AF210	DITTY CONTAINER	2226 ROSEMEAD BLVD	UST	Lower	1169, 0.221, South
AF211	DITTY CONTAINER INC	2226 N ROSEMEAD BLVD	CERS HAZ WASTE, CERS TANKS, EMI, LOS ANGELES CO....	Lower	1169, 0.221, South
Z212	JACK BAKER	9726 E KLINGERMAN ST	SWEEPS UST	Higher	1181, 0.224, ESE
AA213	W.H. ALIGOOD COMPANY	2645 LEE AVE	WIP	Lower	1185, 0.224, WNW
AA214	CROWN EQUIPMENT AND	2645 LEE AVE	WIP	Lower	1185, 0.224, WNW
Z215	BAKER SALES - WHOLES	9726 KLINGERMAN ST	HIST UST, WIP	Higher	1191, 0.226, ESE
AD216	L G M	2211 CHICO AVE	SWEEPS UST, LOS ANGELES CO. HMS, CERS	Lower	1193, 0.226, SSE
AD217	L.G.M. COMPANY	2211 CHICO AVE	HIST UST, WIP	Lower	1193, 0.226, SSE
AG218	MANUFACTURERS SERVIC	2210 CHICO AVE	RCRA-SQG, CPS-SLIC, ENF, WIP	Higher	1201, 0.227, SE
AH219	VILLA'S RADIATOR	2750 N BRUIN AVE	WIP	Higher	1203, 0.228, North
AI220	FINE VALUE FURNITURE	9468 E GARVEY AVE	WIP	Higher	1204, 0.228, North
AC221	ED'S ENGINE REBUILDI	2414 LEE AVE	WIP	Lower	1206, 0.228, SW
AJ222	LAWRENCE EQUIPMENT S	9231 FERN ST	WIP	Lower	1210, 0.229, WNW
AH223	WESTERN TRAILER SERV	2754 BRUIN AVE	WIP	Higher	1219, 0.231, North
AH224	KCT AUTO SERVICE	2754 BRUIN AVE	RCRA NonGen / NLR	Higher	1219, 0.231, North
AH225	KCT AUTO SERVICE	2754 BRUIN AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	1219, 0.231, North
AJ226	TOPAZ PRECISION, INC	9229 FERN ST	WIP	Lower	1223, 0.232, WNW
AA227	BEN'S AUTO BODY CTR	2700 LEE AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	1230, 0.233, NW
AA228	WANG CAI AUTO CENTER	2700 LEE AVE	RCRA NonGen / NLR	Higher	1230, 0.233, NW
AA229	SUPER AUTO COLLISION	2700 LEE AVE	RCRA NonGen / NLR	Higher	1230, 0.233, NW
AD230	TIP TOP LABEL CO	2207 1/2 CHICO AVE	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Lower	1230, 0.233, SSE
AD231	TIP-TOP LABEL COMPAN	2207 CHICO AVE	CERS HAZ WASTE, WIP, CERS	Lower	1230, 0.233, SSE
AE232	SOUTHBAY ELECTRICAL	9739 KLINGERMAN ST	RCRA NonGen / NLR	Higher	1242, 0.235, ESE

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AE233	HARMAC COMPANY	9739 KLINGERMAN ST	WIP	Higher	1242, 0.235, ESE
AE234	LUIS MURILLO	9739 KLINGERMAN ST	CERS HAZ WASTE, CERS, HWTS	Higher	1242, 0.235, ESE
AE235	HARMAC COMPANY	9739 KLINGERMAN ST.	CPS-SLIC, CERS	Higher	1242, 0.235, ESE
AF236	ROSEMEAD TRUCK TIRE	2218 ROSEMEAD BLVD	WIP	Lower	1245, 0.236, South
AA237	ITAL CUSTOM CABINETS	2651 LEE AVE	WIP	Higher	1245, 0.236, NW
AA238	TRU-CUT GRINDING	2651 LEE AVE	WIP	Higher	1245, 0.236, NW
AH239	M & M'S CAR WORLD	9414 E GARVEY AVE	WIP	Higher	1249, 0.237, NNW
AD240	SIERRA LANDSCAPE DEV	2209 1/2 CHICO AVE	RCRA NonGen / NLR	Lower	1256, 0.238, SSE
AD241	BOB WHITE PLUMBING C	2209 1/2 CHICO AVENU	HIST UST	Lower	1256, 0.238, SSE
AD242	APPLIED SYSTEMS WATE	2209 CHICO AVE	WIP	Lower	1256, 0.238, SSE
AD243	HO SHUN LEE INC	2209 CHICO AVE	SWEEPS UST, LOS ANGELES CO. HMS, CERS	Lower	1256, 0.238, SSE
AK244	JADE PRODUCTS	9705 FACTORIAL WAY	WIP	Higher	1259, 0.238, SE
AE245	ARDAN INDUSTRIES	9734 KLINGERMAN ST	WIP	Higher	1261, 0.239, ESE
246	LAUR METALS CO	9566 GARVEY AVE	SWRCY	Higher	1263, 0.239, NNE
AG247	PRECISION POWDERED M	2206 CHICO AVE	WIP	Lower	1276, 0.242, SE
AB248	QUINTUS	2200 CHICO AVE	CERS HAZ WASTE, WIP	Higher	1279, 0.242, SE
249	BLAZER MANUFACTURING	9614 GARVEY AVE	WIP	Higher	1282, 0.243, NE
AA250	JUSTIN, INC.	2663 LEE AVE	WIP	Higher	1289, 0.244, NW
AA251	JUSTIN INC	2663 LEE AVE	RCRA NonGen / NLR	Higher	1289, 0.244, NW
AH252	AM PUMPING INC.	9452 GARVEY AVE	WIP	Higher	1290, 0.244, North
AH253	GARVEY AUTO AND TRUC	9452 GARVEY AVE	CPS-SLIC, WIP	Higher	1290, 0.244, North
AH254	AM PUMPING INC	9452 E GARVEY AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1290, 0.244, North
AH255	GARVEY AUTO AND TRUC	9452 GARVEY AVE	RCRA-SQG, FINDS, ECHO	Higher	1290, 0.244, North
AC256	MARCOR OF CALIF.	2413 LEE AVE	WIP	Lower	1293, 0.245, SW
AJ257	OLIVER MACHINE WORKS	9215 FERN ST	WIP	Lower	1310, 0.248, WNW
AL258	MIKE PRLICH & SONS	9316 KLINGERMAN ST	SWEEPS UST, HIST UST	Lower	1310, 0.248, SW
AL259	MIKE PRLICH AND SONS	9316 KLINGERMAN AVE	HIST UST	Lower	1310, 0.248, SW
AH260	M AND M TEXACO	9432 GARVOY BLVD	HIST UST	Higher	1312, 0.248, North
AH261	MCWHIRTER REAL ESTAT	9432 GARVEY AVE	SWEEPS UST, LOS ANGELES CO. HMS	Higher	1312, 0.248, North
AH262	MCWHIRTER TEXACO.S.S	9432 GARVEY	HIST CORTESE	Higher	1312, 0.248, North
AH263	MCWHIRTER TEXACO.S.S	9432 GARVEY AVE E	LUST, Cortese, CERS	Higher	1312, 0.248, North
AH264	M & M TEXACO	9432 GARVEY AVE	HIST UST	Higher	1312, 0.248, North
AC265	TEMPLE CITY ENTERPRI	2407 N LEE AVE	HIST UST, HAZNET, HWTS	Lower	1312, 0.248, SW
AC266	H P CUSTOM CARPENTRY	2407 LEE AVE	SWEEPS UST, LOS ANGELES CO. HMS	Lower	1312, 0.248, SW
AE267	FALCO RACK INC	9751 KLINGERMAN ST	RCRA-SQG, CPS-SLIC, SWEEPS UST, HIST UST, LOS...	Higher	1321, 0.250, ESE
AE268	HARMAC COMPANY	9742 KLINGERMAN ST	CPS-SLIC, WIP, CERS	Higher	1325, 0.251, ESE
AI269	UNITED TIRE/BENEFICI	9505 E GARVEY AVE	LUST, Cortese, LOS ANGELES CO. HMS, CERS	Higher	1336, 0.253, North
AK270	MEDISOL USA	9713 FACTORIAL WAY	CPS-SLIC, WIP, CERS	Higher	1363, 0.258, SE
AF271	PACIFIC COAST DRUM	2200 N ROSEMEAD BLVD	RCRA-SQG, LUST, HIST UST, ICIS, US AIRS, FINDS,...	Lower	1390, 0.263, South

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AF272	PACIFIC COAST DRUM C	2200 N. ROSEMEAD BLV	CPS-SLIC, CERS	Lower	1390, 0.263, South
AF273	PACIFIC COAST DRUM C	2200 ROSEMEAD	HIST CORTESE	Lower	1390, 0.263, South
AK274	BURKE ENGINEERING CO	9700 FACTORIAL WAY	CPS-SLIC, HAULERS, NPDES, WIP, CERS	Higher	1408, 0.267, SE
AG275	FORMS & SERVICES/MET	2112 CHICO AVE N	LUST, Cortese, EMI, WIP, CERS	Lower	1418, 0.269, SSE
AG276	FORMS AND SURFACES,	2112 CHICO	ENF, HIST CORTESE	Lower	1418, 0.269, SSE
AH277	CHEVRON #20-6008 (FO	9420 GARVEY	LUST, HIST CORTESE, CERS	Higher	1440, 0.273, North
AH278	CHEVRON #20-6008 (FO	9420 GARVEY AVE	LUST, Cortese	Higher	1440, 0.273, North
279	CHEMRITE CORPORATION	2128 NO ROSEMEAD BLV	CPS-SLIC, HIST UST, EMI, CERS	Lower	1462, 0.277, South
280	ASTRONAUTIC ENAMELER	9758 KLINGERMAN ST	CPS-SLIC, ENF, WIP, CERS	Higher	1463, 0.277, ESE
AG281	GARVEY PLUMBING & HA	2108 CHICO AVE	LUST, CPS-SLIC, Cortese, HIST CORTESE, LOS ANGELES...	Lower	1475, 0.279, SSE
AM282	MOBIL #17-MWJ	9401 BROADWAY	HIST CORTESE	Higher	1558, 0.295, NNW
283	VAGA INDUSTRIES	2505 LOMA AVE	RCRA-LQG, ENVIROSTOR, SWEEPS UST, HIST UST, ICIS,...	Lower	1561, 0.296, WSW
284	BEN CHERNICK	2737 LEE AVE	LUST, Cortese, HIST CORTESE, CERS	Higher	1570, 0.297, NW
285	CALTRANS - ROSEMEAD		LOS ANGELES CO LF METHANE	Higher	1602, 0.303, North
286	RAYMOND DOLLAR CORP.	2206 TROY	CPS-SLIC	Lower	1610, 0.305, SSW
AN287	SQUARE TOOL & MACHIN	9730 FACTORIAL WAY	RCRA-SQG, LUST, SWEEPS UST, HIST UST, FINDS, ECHO,...	Higher	1616, 0.306, SE
AN288	SQUARE TOOL & MACHIN	9730 FACTORIAL	HIST CORTESE	Higher	1616, 0.306, SE
AM289	CALTRANS ROSEMEAD DS	NE CORNER ROSEMEAD B	SWF/LF, CERS	Higher	1634, 0.309, NNW
AM290	MOBIL #11-MW	9401 GARVEY AVE E	LUST	Higher	1640, 0.311, NNW
AM291	MOBIL #18-MWJ	9401 GARVEY AVE.	LUST, Cortese, CERS	Higher	1640, 0.311, NNW
292	SHIELD CHEMICALS INC	2026 CHICO AVE.	CPS-SLIC, LA Co. Site Mitigation, CERS	Lower	1689, 0.320, SSE
293	SEACHROME CORPORATIO	9831 KLINGERMAN ST	CPS-SLIC, HIST UST, EMI, ENF, WIP, CERS	Higher	1797, 0.340, ESE
AO294	ZACKY FOODS CO	2325 LOMA AVE N	LUST, CERS	Lower	1856, 0.352, SW
AO295	ZACKY FOODS CO	2325 LOMA AVE N	Cortese	Lower	1856, 0.352, SW
AO296	ZACKY FARMS	2325 S LOMA ST	RCRA-SQG, LUST, SWEEPS UST, HIST UST, FINDS, ECHO,...	Lower	1856, 0.352, SW
297	CALTRANS - ROSEMEAD	3000 ROSEMEAD BOULEV	SWF/LF	Higher	1879, 0.356, NNW
AP298	UNIVERSAL EXHIBITS	9517 RUSH ST.	CPS-SLIC, WIP	Lower	1914, 0.363, SSE
AP299	GILMORE LIQUID AIR C	9503 RUSH ST	CPS-SLIC, HIST UST, WIP	Lower	1914, 0.363, SSE
AP300	GILMORE LIQUID AIR C	9503 RUSH ST E	LUST, Cortese, HIST CORTESE	Lower	1914, 0.363, SSE
AQ301	ACTION GRAPHIC ARTS,	9635 RUSH ST	CPS-SLIC, HIST UST, WIP	Lower	1955, 0.370, SSE
302	RICHARD DEPIFANIO	3013 POTRERO AVE	CPS-SLIC, ENF, HAZNET, WIP, CERS, HWTS	Higher	1958, 0.371, NE
AR303	ALUM-A-COAT INC.	9859 E. KALE ST.	CPS-SLIC, CERS	Higher	1977, 0.374, ESE
AR304	ALUM-A-COAT	9859 E. KALE STREET	ENVIROSTOR	Higher	1977, 0.374, ESE
AQ305	OWEN BROTHERS ENTERP	9608 E RUSH STREET	LUST, Cortese, LOS ANGELES CO. HMS, CERS	Lower	2003, 0.379, SSE
306	ASTRO SEAL, INC.	9444 RUSH ST	CPS-SLIC, WIP, CERS	Lower	2034, 0.385, South
AS307	BARRY ZWAHLEN	2217 LOMA	CPS-SLIC, ENF, LOS ANGELES CO. HMS, CERS	Lower	2042, 0.387, SW
AP308	VALLEY CITIES SUPPLY	9510 RUSH ST	LUST, SWEEPS UST, HIST UST, Cortese, HIST CORTESE,...	Lower	2045, 0.387, SSE
AP309	JENCO PLATING INC	9536 RUSH ST.	RCRA-LQG, ENVIROSTOR, CERS HAZ WASTE, HIST UST,...	Lower	2048, 0.388, SSE
AP310	JENCO PLATING INC	9536 RUSH ST	CPS-SLIC, HAZNET, NON-CASE INFO, HWTS	Lower	2048, 0.388, SSE

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AT311	UNOCAL #3520	9408 RUSH ST E	LUST, Cortese, HIST CORTESE, CERS	Lower	2057, 0.390, South
AQ312	BULWARK CORP.	9624 RUSH ST	CPS-SLIC, EMI, WIP, CERS	Lower	2067, 0.391, SSE
AQ313	ROBERT BRKICH CONSTR	9638 RUSH ST	LUST, Cortese, LOS ANGELES CO. HMS, WIP, CERS	Lower	2078, 0.394, SSE
AQ314	ROBERT BRKICH CONSTR	9638 RUSH	LUST, HIST CORTESE	Lower	2078, 0.394, SSE
AR315	ALUM-A-COAT INC	2439 SEAMAN AVENUE	ENVIROSTOR	Higher	2163, 0.410, ESE
AR316	ALUM-A-COAT INC	9859 KALE ST	SEMS-ARCHIVE, RCRA-LQG, CPS-SLIC, HIST UST,...	Higher	2163, 0.410, ESE
317	B.I.G. ENTERPRISES,	9702 RUSH ST.	CPS-SLIC, WIP	Lower	2176, 0.412, SE
AU318	BOER GRAPHICS (ROBER	9323 RUSH ST	ENVIROSTOR, HWP, CERS	Lower	2182, 0.413, SSW
AU319	PARAGON PRESS	9323 RUSH ST	SEMS-ARCHIVE, RCRA-TSDF, RCRA NonGen / NLR, FINDS,...	Lower	2182, 0.413, SSW
AS320	BARRY ZWAHLEN/PRIVAT	2223 LOMA AVE	LUST, Cortese, HIST CORTESE, CERS	Lower	2222, 0.421, SW
AV321	TEXACO #61-106-00057	1955 ROSEMEAD	HIST CORTESE	Lower	2242, 0.425, South
AV322	TEXACO #61-106-00057	1955 ROSEMEAD BLVD N	LUST, Cortese, CERS	Lower	2242, 0.425, South
AV323	SHELL SERVICE STATIO	1955 ROSEMEAD BLVD.	LUST, Cortese	Lower	2242, 0.425, South
AV324	SHELL SERVICE STATIO	1955 ROSEMEAD BLVD.	LUST, Cortese, CERS	Lower	2242, 0.425, South
AT325	LOS ANGELES DIE MOLD	1942 N ROSEMEAD BLVD	RCRA-SQG, LUST, SWEEPS UST, HIST UST, FINDS, ECHO,...	Lower	2287, 0.433, South
326	THERMAFOIL PRODS INC	2630 SEAMAN AVE	RCRA-SQG, CPS-SLIC, FINDS, ECHO, HAZNET, WIP,...	Higher	2314, 0.438, East
327	SUNRISE INDUSTRIES	2028 LOMA AVE	CPS-SLIC, CERS HAZ WASTE, WIP, CERS	Lower	2342, 0.444, SW
AW328	TED LEVINE DRUM CHIC	1913 AND 1927 CHICO	CPS-SLIC	Lower	2357, 0.446, SSE
AX329	WESTERN WELDING AND	9823 RUSH ST	CPS-SLIC, WIP, CERS	Higher	2411, 0.457, SE
330	MARGE CARSON INC	9056 E GARVEY AVE	CPS-SLIC, EMI, WIP, CERS	Higher	2433, 0.461, WNW
AW331	AIRCRAFT STAMPING CO	1924 CHICO AVE	CPS-SLIC, HIST UST, ENF, WIP, CERS	Lower	2464, 0.467, SSE
AY332	HUBBLE SPECIALTY PRI	9300 WHITMORE ST	CPS-SLIC, WIP, CERS	Higher	2499, 0.473, NNW
333	TALCO PLASTICS INC.	3154 ROSEMEAD BLVD	CPS-SLIC, SWEEPS UST, WIP, CERS	Higher	2524, 0.478, NNW
AX334	DERBY DINKS TRUCK PA	9831 RUSH ST	RCRA-SQG, CPS-SLIC, HIST UST, FINDS, ECHO, LOS...	Higher	2538, 0.481, SE
335	PV MART INC	9900 GARVEY AVE	SWRCY, CERS HAZ WASTE, HAZNET, HWTS	Higher	2548, 0.483, ENE
AX336	UNIVERSAL THREAD /SE	9810 RUSH ST	CPS-SLIC, WIP, CERS	Higher	2556, 0.484, SE
AY337	JAN & SCHUYLER COMPA	9240 WHITMORE ST	CPS-SLIC, WIP, CERS	Higher	2571, 0.487, NNW
AZ338	FORMER COOPER DRUM C	9629 EL POCHE ST	CPS-SLIC, WIP, CERS	Lower	2585, 0.490, SSE
AY339	SOUTHERN CALIFORNIA	9407 WHITMORE ST	CPS-SLIC, WIP, CERS	Higher	2585, 0.490, North
340	MIL-SPEC PLATING COR	2134 SEAMAN AVE	CPS-SLIC, HIST UST, LA Co. Site Mitigation, WDS,...	Higher	2604, 0.493, ESE
AZ341	L&L SCREW MACH. PROD	9653 EL POCHE ST	CPS-SLIC, WIP, CERS	Lower	2630, 0.498, SSE
AZ342	COOPER DRUM COMPANY	9630 EL POCHE STREET	ENVIROSTOR, CPS-SLIC, ENF, WIP	Lower	2720, 0.515, SSE
343	EL MONTE DISPOSAL SE	STORAGE YARD, MAPLE	RESPONSE, ENVIROSTOR, HIST Cal-Sites	Higher	2883, 0.546, ESE
344	MICRO GAGE INC	9537 TELSTAR AVE	RCRA-LQG, ENVIROSTOR, CPS-SLIC, CERS HAZ WASTE,...	Higher	3700, 0.701, NNE
345	UNKNOWN	C/O AEROJET & TELSTA	Notify 65	Higher	4046, 0.766, NNW
346	SIGNET SCIENTIFIC	3401 AEROJET AVENUE	RCRA-SQG, ENVIROSTOR, VCP, SWEEPS UST, HIST UST,...	Higher	4406, 0.834, NNW
347	SARGENT FLETCHER INC	9400 E FLAIR DRIVE	RCRA-LQG, ENVIROSTOR, SWEEPS UST, HIST UST, CA FID...	Higher	4633, 0.877, North
BA348	USAR OD TRAINING AR		ENVIROSTOR	Lower	4892, 0.927, SSW
BA349	USAR OUTDR TRAINNG A		FUDS	Lower	4895, 0.927, SSW

MAPPED SITES SUMMARY

Target Property Address:
2540 ROSEMEAD BLVD,
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
350	AEROJET GENERAL CORP	9100 FLAIR DRIVE	RESPONSE, ENVIROSTOR, Cortese	Higher	4906, 0.929, NNW
BB351	FORMER NIKE SITE LA-		FUDS	Lower	5195, 0.984, SSE
BB352	NIKE SITE 14 - LA LA		ENVIROSTOR	Lower	5198, 0.984, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL_______________ Proposed National Priority List Sites
NPL LIENS__________________ Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL________________ National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY_________ Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS_________________ Corrective Action Report

Federal RCRA generators list

RCRA-LQG__________________ RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS________________________ Land Use Control Information System
US INST CONTROLS________ Institutional Controls Sites List

Federal ERNS list

ERNS________________________ Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST_______________ Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST__________________ Underground Storage Tank Listing

INDIAN UST - - - - Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP - - - - Voluntary Cleanup Program Properties
INDIAN VCP - - - - Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS - - - - Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS - - - - A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT - - - - Waste Management Unit Database
HAULERS - - - - Registered Waste Tire Haulers Listing
INDIAN ODI - - - - Report on the Status of Open Dumps on Indian Lands
ODI - - - - Open Dump Inventory
DEBRIS REGION 9 - - - - Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS - - - - Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL - - - - Delisted National Clandestine Laboratory Register
SCH - - - - School Property Evaluation Program
CDL - - - - Clandestine Drug Labs
Toxic Pits - - - - Toxic Pits Cleanup Act Sites
US CDL - - - - National Clandestine Laboratory Register
PFAS - - - - PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

CA FID UST - - - - Facility Inventory Database

Local Land Records

LIENS - - - - Environmental Liens Listing
LIENS 2 - - - - CERCLA Lien Information
DEED - - - - Deed Restriction Listing

Records of Emergency Release Reports

HMIRS - - - - Hazardous Materials Information Reporting System
CHMIRS - - - - California Hazardous Material Incident Report System
LDS - - - - Land Disposal Sites Listing
MCS - - - - Military Cleanup Sites Listing
SPILLS 90 - - - - SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD - - - - Department of Defense Sites

EXECUTIVE SUMMARY

SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CUPA Listings	CUPA Resources List
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
LOS ANGELES CO. HMS	HMS: Street Number List
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
LA Co. Site Mitigation	Site Mitigation List
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System

CERS - - - - - CERS
NON-CASE INFO - - - - - NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS - - - - - OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS - - - - - PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT - - - - - SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ - - - - - Well Stimulation Project (GEOTRACKER)
MINES MRDS - - - - - Mineral Resources Data System
HWTS - - - - - Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - - - - - EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - - - - - Recovered Government Archive Solid Waste Facilities List
RGA LUST - - - - - Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/27/2021 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (Cerclis ID:: 901951 EPA Id: CAD980677355	***PECK RD & REAL***	***0 - 1/8 (0.000 mi.)***	***0***	***9***

EXECUTIVE SUMMARY

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/27/2021 has revealed that there are 2 SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (Site ID: 0901951 EPA Id: CAD980677355	***PECK RD & REAL***	***0 - 1/8 (0.000 mi.)***	***0***	***9***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BROADWAY PLASTIC	2423 N. TROY AVE.	SW 1/8 - 1/4 (0.180 mi.)	N156	507

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/27/2021 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALUM-A-COAT INC Site ID: 0902679 EPA Id: CAT080012818	***9859 KALE ST***	***ESE 1/4 - 1/2 (0.410 mi.)***	***AR316***	***1148***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PARAGON PRESS Site ID: 0903369 EPA Id: CAD008246746	***9323 RUSH ST***	***SSW 1/4 - 1/2 (0.413 mi.)***	***AU319***	***1166***

EXECUTIVE SUMMARY

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PARAGON PRESS EPA ID:: CAD008246746	***9323 RUSH ST***	***SSW 1/4 - 1/2 (0.413 mi.)***	***AU319***	***1166***

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 21 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GENERAL ENAMELING CO EPA ID:: CAD008338287	***2461 1/2 N CHICO***	***ESE 0 - 1/8 (0.002 mi.)***	***A1***	***43***
AMC FORKLIFT GENERAT EPA ID:: CAD982323776	***2504 CHICO AVE***	***ESE 0 - 1/8 (0.015 mi.)***	***A20***	***77***
TRIO CARBURETOR EPA ID:: CAD983607193	***2545 ROSEMEAD BLVD***	***W 0 - 1/8 (0.018 mi.)***	***B26***	***83***
A AND G COMPRESSOR P EPA ID:: CAR000064394	***2410 N CHICO***	***ESE 0 - 1/8 (0.032 mi.)***	***A35***	***100***
AAMEC CORP EPA ID:: CAD009660226	***2611 ROSEMEAD BLVD***	***NW 0 - 1/8 (0.065 mi.)***	***H55***	***164***
FLEXFIRM PRODS EPA ID:: CAD047444633	***2300 N CHICO AVE***	***SE 0 - 1/8 (0.117 mi.)***	***L98***	***286***
ARTEESTIC GARMENT PR EPA ID:: CAD983667650	***9609 KLINGERMAN ST***	***ESE 1/8 - 1/4 (0.125 mi.)***	***L108***	***357***
SPECTRA-TONE PAINT C EPA ID:: CAD981678170	***9635 KLINGERMAN ST***	***ESE 1/8 - 1/4 (0.155 mi.)***	***P127***	***381***
FRANK AND SMITH MASO EPA ID:: CAR000065813	***2639 TROY AVE***	***NW 1/8 - 1/4 (0.156 mi.)***	***S129***	***398***
ALTERNATIVE MATERIAL EPA ID:: CAP000054908	9643 KLINGERMAN ST	ESE 1/8 - 1/4 (0.167 mi.)	P134	415
MANUFACTURERS SERVIC	***2210 CHICO AVE***	***SE 1/8 - 1/4 (0.227 mi.)***	***AG218***	***700***

	Address	Direction / Distance	Map ID	Page
EPA ID:: CAD981684392				
GARVEY AUTO AND TRUC EPA ID:: CAD028124121	***9452 GARVEY AVE***	***N 1/8 - 1/4 (0.244 mi.)***	***AH255***	***802***

Lower Elevation	Address	Direction / Distance	Map ID	Page
EL MONTE STEEL TREAT EPA ID:: CAD062079678	***2456 N ROSEMEAD BLVD***	***SSW 0 - 1/8 (0.071 mi.)***	***I59***	***170***
HOOTER BROS ENAMELIN EPA ID:: CAD008337289	***2460 N ROSEMEAD BLVD***	***SSW 0 - 1/8 (0.075 mi.)***	***I62***	***174***
KECK AND SCHMIDT TOO EPA ID:: CAR000077735	***2610 TROY AVE***	***NW 0 - 1/8 (0.105 mi.)***	***H88***	***227***
HARMONY METAL FINISH EPA ID:: CAD009635764	***2510 LEE AVE***	***WSW 1/8 - 1/4 (0.171 mi.)***	***V143***	***477***
DAY-GLO COLOR CORP EPA ID:: CAD000043158	***2552 N LEE AVE***	***W 1/8 - 1/4 (0.178 mi.)***	***V152***	***485***
CONTRACTORS LIFT TRU EPA ID:: CAD981159437	***2423 N TROY ST***	***SW 1/8 - 1/4 (0.180 mi.)***	***N157***	***507***
G & M BACKHOE SERVIC EPA ID:: CAD982481947	***2402 TROY AVE***	***SSW 1/8 - 1/4 (0.191 mi.)***	***Y167***	***522***
D T GRAPHICS EPA ID:: CA0000134809	***2621 LEE AVE***	***WNW 1/8 - 1/4 (0.209 mi.)***	***AA196***	***600***
TIP TOP LABEL CO EPA ID:: CAD981396294	***2207 1/2 CHICO AVE***	***SSE 1/8 - 1/4 (0.233 mi.)***	***AD230***	***756***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OK AUTO GROUP INC EPA ID:: CAL000343623	2558 LEE AVE	W 1/8 - 1/4 (0.170 mi.)	Q140	469

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 02/22/2021 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (	***PECK RD & REAL***	***0 - 1/8 (0.000 mi.)***	***0***	***9***

EPA ID:: CAD980677355
EPA ID:: CAD980677355

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, has revealed that there are 2 RESPONSE sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EL MONTE DISPOSAL SE	***STORAGE YARD, MAPLE***	***ESE 1/2 - 1 (0.546 mi.)***	***343***	***1270***
Database: RESPONSE, Date of Government Version: 04/23/2021 Status: Certified Facility Id: 19490219				
AEROJET GENERAL CORP	***9100 FLAIR DRIVE***	***NNW 1/2 - 1 (0.929 mi.)***	***350***	***1427***
Database: RESPONSE, Date of Government Version: 04/23/2021 Status: Active Facility Id: 60000742				

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/23/2021 has revealed that there are 13 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALUM-A-COAT Facility Id: 71003529 Status: Refer: Other Agency	9859 E. KALE STREET	ESE 1/4 - 1/2 (0.374 mi.)	AR304	1043
ALUM-A-COAT INC Facility Id: 19340725 Status: Refer: Other Agency	2439 SEAMAN AVENUE	ESE 1/4 - 1/2 (0.410 mi.)	AR315	1146
EL MONTE DISPOSAL SE Facility Id: 19490219 Status: Certified	***STORAGE YARD, MAPLE***	***ESE 1/2 - 1 (0.546 mi.)***	***343***	***1270***
MICRO GAGE INC	***9537 TELSTAR AVE***	***NNE 1/2 - 1 (0.701 mi.)***	***344***	***1273***

Name	Address	Direction / Distance	Map ID	Page
Facility Id: 71002529 Status: Refer: Other Agency				
SIGNET SCIENTIFIC Facility Id: 60003031 Status: Active	***3401 AEROJET AVENUE***	***NNW 1/2 - 1 (0.834 mi.)***	***346***	***1396***
SARGENT FLETCHER INC Facility Id: 71002188 Status: Refer: Other Agency	***9400 E FLAIR DRIVE***	***N 1/2 - 1 (0.877 mi.)***	***347***	***1405***
AEROJET GENERAL CORP Facility Id: 60000742 Status: Active	***9100 FLAIR DRIVE***	***NNW 1/2 - 1 (0.929 mi.)***	***350***	***1427***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VAGA INDUSTRIES Facility Id: 71002320 Status: Refer: Other Agency	***2505 LOMA AVE***	***WSW 1/4 - 1/2 (0.296 mi.)***	***283***	***903***
JENCO PLATING INC Facility Id: 71002854 Status: Refer: Other Agency	***9536 RUSH ST.***	***SSE 1/4 - 1/2 (0.388 mi.)***	***AP309***	***1058***
BOER GRAPHICS (ROBER Facility Id: 80001533 Status: Inactive - Needs Evaluation	***9323 RUSH ST***	***SSW 1/4 - 1/2 (0.413 mi.)***	***AU318***	***1164***
COOPER DRUM COMPANY Facility Id: 19500245 Status: Refer: RWQCB	***9630 EL POCHE STREET***	***SSE 1/2 - 1 (0.515 mi.)***	***AZ342***	***1262***
USAR OD TRAINING AR Facility Id: 80000492 Status: Inactive - Needs Evaluation		SSW 1/2 - 1 (0.927 mi.)	BA348	1425
NIKE SITE 14 - LA LA Facility Id: 80000745 Status: Inactive - Needs Evaluation		SSE 1/2 - 1 (0.984 mi.)	BB352	1441

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board’s Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALTRANS ROSEMEAD DS Database: SWF/LF (SWIS), Date of Government Version: 05/10/2021 Facility ID: 19-AA-5066 Operational Status: Closed Regulation Status: Unpermitted	***NE CORNER ROSEMEAD B***	***NNW 1/4 - 1/2 (0.309 mi.)***	***AM289***	***994***
CALTRANS - ROSEMEAD Database: LOS ANGELES CO. LF, Date of Government Version: 04/12/2021	3000 ROSEMEAD BOULEV	NNW 1/4 - 1/2 (0.356 mi.)	297	1022

Site ID: 1892
Status: Closed

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 27 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCWHIRTER TEXACO.S.S	***9432 GARVEY AVE E***	***N 1/8 - 1/4 (0.248 mi.)***	***AH263***	***811***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Open - Remediation
Facility Id: I-11450
Status: Remedial action (cleanup) Underway
Global Id: T0603703801
Global ID: T0603703801

UNITED TIRE/BENEFICI	***9505 E GARVEY AVE***	***N 1/4 - 1/2 (0.253 mi.)***	***AI269***	***840***

Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0603724959

CHEVRON #20-6008 (FO	***9420 GARVEY***	***N 1/4 - 1/2 (0.273 mi.)***	***AH277***	***887***

Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0603704648

CHEVRON #20-6008 (FO	***9420 GARVEY AVE***	***N 1/4 - 1/2 (0.273 mi.)***	***AH278***	***889***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: R-04640
Status: Case Closed
Global ID: T0603704648

BEN CHERNICK	***2737 LEE AVE***	***NW 1/4 - 1/2 (0.297 mi.)***	***284***	***945***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: I-14400
Status: Case Closed
Global Id: T0603704164
Global ID: T0603704164

SQUARE TOOL & MACHIN	***9730 FACTORIAL WAY***	***SE 1/4 - 1/2 (0.306 mi.)***	***AN287***	***949***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: R-09220
Status: Case Closed
Global Id: T0603704789
Global ID: T0603704789

MOBIL #11-MW	9401 GARVEY AVE E	NNW 1/4 - 1/2 (0.311 mi.)	AM290	996

Database: LUST REG 4, Date of Government Version: 09/07/2004

Facility Id: I-01946
Status: Case Closed
Global ID: T0603702817

	Address	Direction / Distance	Map ID	Page
MOBIL #18-MWJ	***9401 GARVEY AVE.***	***NNW 1/4 - 1/2 (0.311 mi.)***	***AM291***	***997***

Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0603758039

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHAMP CORP.	***2500 ROSEMEAD BLVD N***	***SSW 0 - 1/8 (0.060 mi.)***	***B49***	***142***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: I-09430
Status: Case Closed
Global Id: T0603703419
Global ID: T0603703419

MARGE WARNER	***2459 LEE AVE N***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X188***	***577***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: I-23117
Status: Case Closed
Global Id: T0603704498
Global ID: T0603704498

E C CONSTRUCTION CO	***2213 CHICO AVE***	***SSE 1/8 - 1/4 (0.214 mi.)***	***AD202***	***621***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: I-14000
Status: Case Closed
Global Id: T0603704128
Global ID: T0603704128

PACIFIC COAST DRUM	***2200 N ROSEMEAD BLVD***	***S 1/4 - 1/2 (0.263 mi.)***	***AF271***	***843***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 107.0266
Status: Pollution Characterization
Global ID: T0603700161

FORMS & SERVICES/MET	***2112 CHICO AVE N***	***SSE 1/4 - 1/2 (0.269 mi.)***	***AG275***	***878***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: R-25424
Status: Case Closed
Global Id: T0603705504
Global ID: T0603705504

GARVEY PLUMBING & HA	***2108 CHICO AVE***	***SSE 1/4 - 1/2 (0.279 mi.)***	***AG281***	***898***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: I-15916
Status: Case Closed

Global Id: T0603704364
Global ID: T0603704364

ZACKY FOODS CO | ***2325 LOMA AVE N*** | ***SW 1/4 - 1/2 (0.352 mi.)*** | ***AO294*** | ***1012***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0603792888

ZACKY FARMS | ***2325 S LOMA ST*** | ***SW 1/4 - 1/2 (0.352 mi.)*** | ***AO296*** | ***1015***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: R-03835
Status: Leak being confirmed
Global ID: T0603792888

GILMORE LIQUID AIR C | ***9503 RUSH ST E*** | ***SSE 1/4 - 1/2 (0.363 mi.)*** | ***AP300*** | ***1025***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: I-11693
Status: Case Closed
Global Id: T0603703833
Global ID: T0603703833

OWEN BROTHERS ENTERP | ***9608 E RUSH STREET*** | ***SSE 1/4 - 1/2 (0.379 mi.)*** | ***AQ305*** | ***1044***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0603727461

VALLEY CITIES SUPPLY | ***9510 RUSH ST*** | ***SSE 1/4 - 1/2 (0.387 mi.)*** | ***AP308*** | ***1053***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: I-09173
Status: Case Closed
Global Id: T0603703352
Global ID: T0603703352

UNOCAL #3520 | ***9408 RUSH ST E*** | ***S 1/4 - 1/2 (0.390 mi.)*** | ***AT311*** | ***1136***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: R-03664
Status: Case Closed
Global Id: T0603704623
Global ID: T0603704623

ROBERT BRKICH CONSTR | ***9638 RUSH ST*** | ***SSE 1/4 - 1/2 (0.394 mi.)*** | ***AQ313*** | ***1142***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: I-16223
Status: Case Closed
Global ID: T0603704396

ROBERT BRKICH CONSTR | ***9638 RUSH*** | ***SSE 1/4 - 1/2 (0.394 mi.)*** | ***AQ314*** | ***1145***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0603704396

BARRY ZWAHLEN/PRIVAT | ***2223 LOMA AVE*** | ***SW 1/4 - 1/2 (0.421 mi.)*** | ***AS320*** | ***1193***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed

Facility Id: 107.0416
Status: Case Closed
Global Id: T0603700165
Global ID: T0603700165

TEXACO #61-106-00057	***1955 ROSEMEAD BLVD N***	***S 1/4 - 1/2 (0.425 mi.)***	***AV322***	***1197***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: R-06035
Status: Case Closed
Global Id: T0603792353
Global Id: T0603704711
Global ID: T0603704711

SHELL SERVICE STATIO	***1955 ROSEMEAD BLVD.***	***S 1/4 - 1/2 (0.425 mi.)***	***AV323***	***1202***

Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0603716237

SHELL SERVICE STATIO	***1955 ROSEMEAD BLVD.***	***S 1/4 - 1/2 (0.425 mi.)***	***AV324***	***1206***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: R-06035A
Status: Pollution Characterization
Global ID: T0603792353

LOS ANGELES DIE MOLD	***1942 N ROSEMEAD BLVD***	***S 1/4 - 1/2 (0.433 mi.)***	***AT325***	***1209***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 001824
Status: Preliminary site assessment workplan submitted
Global ID: T0603700031

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 60 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PAUL PACIFIC PLUMBIN	***2463 CHICO AVE***	***ESE 0 - 1/8 (0.003 mi.)***	***A5***	***50***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798827

ELDON DRAPERY CLEANE	***2461 CHICO AVE***	***ESE 0 - 1/8 (0.005 mi.)***	***A6***	***51***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000016140

CALIFORNIA TC GROUP,	***2622 CHICO AVE***	***ENE 0 - 1/8 (0.050 mi.)***	***G45***	***136***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000016083

VANSCO	***2652 LASHBROOK AVE***	***NNE 0 - 1/8 (0.093 mi.)***	***K77***	***204***

Database: CPS-SLIC, Date of Government Version: 03/08/2021

Facility Status: Open - Inactive
Global Id: SL603798811

RAYPACK, INC. ***2410 & 2416 CHICO AV*** ***SE 0 - 1/8 (0.097 mi.)*** ***F82*** ***223***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798771

COIT DRAPERY CLEANER ***2411 CHICO AVENUE*** ***SE 0 - 1/8 (0.105 mi.)*** ***L85*** ***224***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000016102

MONTEREY CASKET CO., ***2404 CHICO AVE*** ***SE 0 - 1/8 (0.120 mi.)*** ***L103*** ***346***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Inactive
Global Id: SL603798826

SILVER STREAK TRAILE ***2319 CHICO AVE*** ***SE 1/8 - 1/4 (0.135 mi.)*** ***L113*** ***365***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798807

AMERICAN GENERAL BUS ***2430 CHICO AVE*** ***SE 1/8 - 1/4 (0.175 mi.)*** ***P149*** ***483***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Inactive
Global Id: SL603798828

PRIME ENGINEERING ***9640 KLINGERMAN ST*** ***ESE 1/8 - 1/4 (0.176 mi.)*** ***P150*** ***484***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798800

FORMER PRIME ENGINEE ***9702 KLINGERMAN ST*** ***ESE 1/8 - 1/4 (0.189 mi.)*** ***Z164*** ***520***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798872

ROC-AIRE CORP. ***9710 KLINGERMAN ST*** ***ESE 1/8 - 1/4 (0.200 mi.)*** ***Z180*** ***562***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798803

FLEXFIRM PRODS ***2300 CHICO AVE.*** ***SE 1/8 - 1/4 (0.211 mi.)*** ***AB197*** ***617***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000016133

MANUFACTURERS SERVIC ***2210 CHICO AVE*** ***SE 1/8 - 1/4 (0.227 mi.)*** ***AG218*** ***700***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Inactive
Global Id: SL603798748

HARMAC COMPANY ***9739 KLINGERMAN ST.*** ***ESE 1/8 - 1/4 (0.235 mi.)*** ***AE235*** ***779***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798751

GARVEY AUTO AND TRUC ***9452 GARVEY AVE*** ***N 1/8 - 1/4 (0.244 mi.)*** ***AH253*** ***798***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000016137
Global Id: T10000016063

FALCO RACK INC ***9751 KLINGERMAN ST*** ***ESE 1/4 - 1/2 (0.250 mi.)*** ***AE267*** ***828***
Database: CPS-SLIC, Date of Government Version: 03/08/2021

Facility Status: Completed - Case Closed
Global Id: SL603792703

HARMAC COMPANY	***9742 KLINGERMAN ST***	***ESE 1/4 - 1/2 (0.251 mi.)***	***AE268***	***839***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798830

MEDISOL USA	***9713 FACTORIAL WAY***	***SE 1/4 - 1/2 (0.258 mi.)***	***AK270***	***842***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798761

BURKE ENGINEERING CO	***9700 FACTORIAL WAY***	***SE 1/4 - 1/2 (0.267 mi.)***	***AK274***	***875***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798763

ASTRONAUTIC ENAMELER	***9758 KLINGERMAN ST***	***ESE 1/4 - 1/2 (0.277 mi.)***	***280***	***892***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Inactive
Global Id: SL603798750

SEACHROME CORPORATIO	***9831 KLINGERMAN ST***	***ESE 1/4 - 1/2 (0.340 mi.)***	***293***	***1005***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Site Assessment
Global Id: SL603798731

RICHARD DEPIFANIO	***3013 POTRERO AVE***	***NE 1/4 - 1/2 (0.371 mi.)***	***302***	***1030***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798727

ALUM-A-COAT INC.	***9859 E. KALE ST.***	***ESE 1/4 - 1/2 (0.374 mi.)***	***AR303***	***1043***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798700

ALUM-A-COAT INC	***9859 KALE ST***	***ESE 1/4 - 1/2 (0.410 mi.)***	***AR316***	***1148***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Site Assessment
Global Id: SL603798701

THERMAFOIL PRODS INC	***2630 SEAMAN AVE***	***E 1/4 - 1/2 (0.438 mi.)***	***326***	***1215***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798737

WESTERN WELDING AND	***9823 RUSH ST***	***SE 1/4 - 1/2 (0.457 mi.)***	***AX329***	***1228***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Inactive
Global Id: SL603798781

MARGE CARSON INC	***9056 E GARVEY AVE***	***WNW 1/4 - 1/2 (0.461 mi.)***	***330***	***1229***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798819

HUBBLE SPECIALTY PRI	***9300 WHITMORE ST***	***NNW 1/4 - 1/2 (0.473 mi.)***	***AY332***	***1237***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798824

TALCO PLASTICS INC.	***3154 ROSEMEAD BLVD***	***NNW 1/4 - 1/2 (0.478 mi.)***	***333***	***1238***

Database: CPS-SLIC, Date of Government Version: 03/08/2021

Facility Status: Open - Site Assessment
Global Id: SL603798747

	Address	Direction / Distance	Map ID	Page
DERBY DINKS TRUCK PA	***9831 RUSH ST***	***SE 1/4 - 1/2 (0.481 mi.)***	***AX334***	***1240***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: T10000016112				
UNIVERSAL THREAD /SE	***9810 RUSH ST***	***SE 1/4 - 1/2 (0.484 mi.)***	***AX336***	***1254***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: SL603798794				
JAN & SCHUYLER COMPA	***9240 WHITMORE ST***	***NNW 1/4 - 1/2 (0.487 mi.)***	***AY337***	***1255***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Open - Inactive Global Id: SL603798780				
SOUTHERN CALIFORNIA	***9407 WHITMORE ST***	***N 1/4 - 1/2 (0.490 mi.)***	***AY339***	***1257***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: SL603798817				
MIL-SPEC PLATING COR	***2134 SEAMAN AVE***	***ESE 1/4 - 1/2 (0.493 mi.)***	***340***	***1258***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: SL603798721				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHAMP CORP	***2500 ROSEMEAD BLVD***	***SSW 0 - 1/8 (0.060 mi.)***	***B48***	***140***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Open - Inactive Global Id: SL603798705				
HOOTER BROS ENAMELIN	***2460 N ROSEMEAD BLVD***	***SSW 0 - 1/8 (0.075 mi.)***	***I62***	***174***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: SL603798716				
BUCHANAN CO., INC.	***2464 ROSEMEAD BLVD.***	***SSW 0 - 1/8 (0.079 mi.)***	***I64***	***182***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: T10000016124				
HYDE ENGINEERING COR	***2428 ROSEMEAD BLVD***	***S 1/8 - 1/4 (0.141 mi.)***	***O120***	***378***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: SL603798776				
COATINGS RESOURCE CO	***2552 LEE AVE***	***W 1/8 - 1/4 (0.172 mi.)***	***V144***	***480***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Open - Inactive Global Id: SL603798709				
BHY TRUCKING INC.	***2317 N. ROSEMEAD BLV***	***SSW 1/8 - 1/4 (0.205 mi.)***	***T186***	***574***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: T10000016082				
COMMERCIAL LOT CLEAN	***2459 LEE AVE.***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X190***	***583***
Database: CPS-SLIC, Date of Government Version: 03/08/2021				

EXECUTIVE SUMMARY

Facility Status: Completed - Case Closed
Global Id: T10000016105

PACIFIC COAST DRUM C — ***2200 N. ROSEMEAD BLV*** — ***S 1/4 - 1/2 (0.263 mi.)*** — ***AF272*** — ***874***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798723

CHEMRITE CORPORATION — ***2128 NO ROSEMEAD BLV*** — ***S 1/4 - 1/2 (0.277 mi.)*** — ***279*** — ***891***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Inactive
Global Id: SL603798706

GARVEY PLUMBING & HA — ***2108 CHICO AVE*** — ***SSE 1/4 - 1/2 (0.279 mi.)*** — ***AG281*** — ***898***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798833

RAYMOND DOLLAR CORP. — 2206 TROY — SSW 1/4 - 1/2 (0.305 mi.) — 286 — 949
Database: SLIC REG 4, Date of Government Version: 11/17/2004
Facility Status: No further action required

SHIELD CHEMICALS INC — ***2026 CHICO AVE.*** — ***SSE 1/4 - 1/2 (0.320 mi.)*** — ***292*** — ***1004***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Site Assessment
Global Id: SL603798749

UNIVERSAL EXHIBITS — ***9517 RUSH ST.*** — ***SSE 1/4 - 1/2 (0.363 mi.)*** — ***AP298*** — ***1023***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000016121

GILMORE LIQUID AIR C — ***9503 RUSH ST*** — ***SSE 1/4 - 1/2 (0.363 mi.)*** — ***AP299*** — ***1024***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000016141

ACTION GRAPHIC ARTS, — ***9635 RUSH ST*** — ***SSE 1/4 - 1/2 (0.370 mi.)*** — ***AQ301*** — ***1028***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000016059

ASTRO SEAL, INC. — ***9444 RUSH ST*** — ***S 1/4 - 1/2 (0.385 mi.)*** — ***306*** — ***1048***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Inactive
Global Id: SL603798758

BARRY ZWAHLEN — ***2217 LOMA*** — ***SW 1/4 - 1/2 (0.387 mi.)*** — ***AS307*** — ***1049***
Database: SLIC REG 4, Date of Government Version: 11/17/2004
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Inactive
Global Id: SL603798741

JENCO PLATING INC — ***9536 RUSH ST*** — ***SSE 1/4 - 1/2 (0.388 mi.)*** — ***AP310*** — ***1085***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000016157

BULWARK CORP. — ***9624 RUSH ST*** — ***SSE 1/4 - 1/2 (0.391 mi.)*** — ***AQ312*** — ***1140***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL603798762

B.I.G. ENTERPRISES, — ***9702 RUSH ST.*** — ***SE 1/4 - 1/2 (0.412 mi.)*** — ***317*** — ***1163***
Database: CPS-SLIC, Date of Government Version: 03/08/2021

Facility Status: Open - Inactive Global Id: SL603798797				
SUNRISE INDUSTRIES	***2028 LOMA AVE***	***SW 1/4 - 1/2 (0.444 mi.)***	***327***	***1222***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Open - Inactive Global Id: SL603798810				
TED LEVINE DRUM CHIC	1913 AND 1927 CHICO	SSE 1/4 - 1/2 (0.446 mi.)	AW328	1227
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Open - Assessment & Interim Remedial Action Global Id: T10000011783				
AIRCRAFT STAMPING CO	***1924 CHICO AVE***	***SSE 1/4 - 1/2 (0.467 mi.)***	***AW331***	***1234***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: SL603798757				
FORMER COOPER DRUM C	***9629 EL POCHE ST***	***SSE 1/4 - 1/2 (0.490 mi.)***	***AZ338***	***1256***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Open - Site Assessment Global Id: SL0603743808				
L&L SCREW MACH. PROD	***9653 EL POCHE ST***	***SSE 1/4 - 1/2 (0.498 mi.)***	***AZ341***	***1261***
Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: SL603798784				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAVID CHEN PROPERTY	9329 KLINGERMAN ST	SW 1/8 - 1/4 (0.212 mi.)	Y198	618
Database: UST, Date of Government Version: 03/08/2021				
DITTY CONTAINER	2226 ROSEMEAD BLVD	S 1/8 - 1/4 (0.221 mi.)	AF210	659
Database: UST, Date of Government Version: 03/08/2021 Facility Id: 4601				

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 4 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
COMMERCIAL LOT CLEAN	***2459 NO LEE AVENUE***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X189***	***581***
Database: AST, Date of Government Version: 07/06/2016				
Not reported	2459 LEE AVE	WSW 1/8 - 1/4 (0.205 mi.)	X193	599
Database: AST, Date of Government Version: 07/06/2016				

Lower Elevation	Address	Direction / Distance	Map ID	Page
E C CONSTRUCTION CO	***2213 CHICO AVE***	***SSE 1/8 - 1/4 (0.214 mi.)***	***AD202***	***621***
Database: AST, Date of Government Version: 07/06/2016				
Not reported	2213 CHICO AVE	SSE 1/8 - 1/4 (0.214 mi.)	AD204	639
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/09/2021 has revealed that there are 2 SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LAUR METALS CO	9566 GARVEY AVE	NNE 1/8 - 1/4 (0.239 mi.)	246	790
Cert Id: RC10053				
PV MART INC	***9900 GARVEY AVE***	***ENE 1/4 - 1/2 (0.483 mi.)***	***335***	***1244***
Cert Id: RC14501				

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN: San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

A review of the AOCONCERN list, as provided by EDR, has revealed that there is 1 AOCONCERN site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY		NNW 0 - 1/8 (0.084 mi.)	0	9

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EL MONTE DISPOSAL SE	***STORAGE YARD, MAPLE***	***ESE 1/2 - 1 (0.546 mi.)***	***343***	***1270***

EXECUTIVE SUMMARY

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/19/2021 has revealed that there are 31 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IDEAL FUMAGATION	*2459 CHICO AVE*	*ESE 0 - 1/8 (0.006 mi.)*	*A10*	*54*
ABS AUTO BODY REPAIR	*2570 CHICO AVE*	*E 0 - 1/8 (0.015 mi.)*	*C18*	*63*
C. W. COLE & CO INC	*2560 NO. ROSEMEAD BL*	*NNE 0 - 1/8 (0.020 mi.)*	*D29*	*89*
REMINGTON ROLL FORMI	*2445 1/2 CHICO AVE*	*ESE 0 - 1/8 (0.045 mi.)*	*E38*	*103*
COAST MACHINERY MOVE	*2431 CHICO AVE*	*SE 0 - 1/8 (0.062 mi.)*	*E50*	*146*
ADVANCE SCREW PRODUC	*2650 ROSEMEAD BLVD*	*N 0 - 1/8 (0.082 mi.)*	*H70*	*185*
NEW WORLD AUTOMOTIVE	*2627 N ROSEMEAD BLVD*	*NNW 0 - 1/8 (0.086 mi.)*	*H74*	*196*
VANSCO	*2652 LASHBROOK AVE*	*NNE 0 - 1/8 (0.093 mi.)*	*K77*	*204*
JLC CORPORATION DBA	*2637 N ROSEMEAD BLVD*	*NNW 0 - 1/8 (0.096 mi.)*	*H80*	*208*
SNS AUTOBODY 8FX INC	*2656 LASHBROOK AVE*	*NNE 0 - 1/8 (0.113 mi.)*	*K94*	*275*
FLEXFIRM PRODS	*2300 N CHICO AVE*	*SE 0 - 1/8 (0.117 mi.)*	*L98*	*286*
MONTEREY CASKET CO	*2404 CHICO AVE*	*SE 0 - 1/8 (0.120 mi.)*	*L101*	*314*
A T AUTO REPAIR CENT	*9609 KLINGERMAN ST*	*ESE 1/8 - 1/4 (0.125 mi.)*	*L107*	*352*
FRANK AND SMITH MASO	*2639 TROY AVE*	*NW 1/8 - 1/4 (0.156 mi.)*	*S129*	*398*
MEISENBERG GEO D (DE	*2734 CHICO AVE*	*NE 1/8 - 1/4 (0.187 mi.)*	*R162*	*514*
N & J AUTO	*2659 TROY AVE*	*NW 1/8 - 1/4 (0.193 mi.)*	*S170*	*538*
KCT AUTO SERVICE	*2754 BRUIN AVE*	*N 1/8 - 1/4 (0.231 mi.)*	*AH225*	*725*
BEN'S AUTO BODY CTR	*2700 LEE AVE*	*NW 1/8 - 1/4 (0.233 mi.)*	*AA227*	*741*
LUIS MURILLO	*9739 KLINGERMAN ST*	*ESE 1/8 - 1/4 (0.235 mi.)*	*AE234*	*777*
QUINTUS	*2200 CHICO AVE*	*SE 1/8 - 1/4 (0.242 mi.)*	*AB248*	*791*

Lower Elevation	Address	Direction / Distance	Map ID	Page
KECK & SCHMIDT TOOL	*2610 TROY AVE*	*NW 0 - 1/8 (0.105 mi.)*	*H89*	*267*
A-TEMP REFRIGERATION	*9321 FERN ST*	*WNW 1/8 - 1/4 (0.138 mi.)*	*Q115*	*366*
OK AUTO GROUP INC	*2558 LEE AVE*	*W 1/8 - 1/4 (0.170 mi.)*	*Q139*	*424*
BROADWAY PLASTIC COR	*2423 TROY AVE*	*SW 1/8 - 1/4 (0.180 mi.)*	*N153*	*489*
J F C FURNITURE REFI	*2519 LEE AVE*	*W 1/8 - 1/4 (0.192 mi.)*	*V168*	*525*
BOATMAN MARKING INC	*2553 LEE AVE*	*W 1/8 - 1/4 (0.194 mi.)*	*V171*	*542*
AMERICAN WRECKING IN	*2459 LEE AVE*	*WSW 1/8 - 1/4 (0.205 mi.)*	*X192*	*587*
E C CONSTRUCTION CO	*2213 CHICO AVE*	*SSE 1/8 - 1/4 (0.214 mi.)*	*AD202*	*621*
MAC AUTO BODY SHOP I	*2631 LEE AVE*	*WNW 1/8 - 1/4 (0.214 mi.)*	*AA206*	*642*
DITTY CONTAINER INC	*2226 N ROSEMEAD BLVD*	*S 1/8 - 1/4 (0.221 mi.)*	*AF211*	*659*
TIP-TOP LABEL COMPAN	*2207 CHICO AVE*	*SSE 1/8 - 1/4 (0.233 mi.)*	*AD231*	*767*

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 17 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUNSET LADDER CO	*2526 NO ROSEMEAD BLV*	*SSW 0 - 1/8 (0.009 mi.)*	*B17*	*62*

	Address	Direction / Distance	Map ID	Page
Status: A Comp Number: 9157				
COAST MACHINERY MOVE Status: A Tank Status: A Comp Number: 9174	***2431 CHICO AVE***	***SE 0 - 1/8 (0.062 mi.)***	***E52***	***160***
JOHN WIEZBISKI Status: A Comp Number: 12932	***2656 ROSEMEAD BLVD***	***NNW 0 - 1/8 (0.081 mi.)***	***H66***	***183***
SPECTRA TONE CO Status: A Tank Status: A Comp Number: 730	9635 E KLINGERMAN ST	ESE 1/8 - 1/4 (0.153 mi.)	P124	380
JACK BAKER Status: A Comp Number: 9134	9726 E KLINGERMAN ST	ESE 1/8 - 1/4 (0.224 mi.)	Z212	693
MCWHIRTER REAL ESTAT Status: A Tank Status: A Comp Number: 11450	***9432 GARVEY AVE***	***N 1/8 - 1/4 (0.248 mi.)***	***AH261***	***809***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHAMP CORP Status: A Tank Status: A Comp Number: 9430	***2500 ROSEMEAD BLVD***	***SSW 0 - 1/8 (0.060 mi.)***	***B48***	***140***
CHAMP CORP Status: A Tank Status: A Comp Number: 9432	***2440 TROY AVE***	***SW 1/8 - 1/4 (0.129 mi.)***	***N109***	***360***
CHAMP CORP Status: A Tank Status: A Comp Number: 9431	***2425 TROY AVE***	***SW 1/8 - 1/4 (0.174 mi.)***	***N148***	***482***
SOUTH ALLIANCE INDUS Status: A Tank Status: A Comp Number: 6790	***2423 TROY AVENUE***	***SW 1/8 - 1/4 (0.180 mi.)***	***N155***	***504***
LUSOL PRODUCTS Status: A Tank Status: A Comp Number: 16719	***2446 LEE AVE***	***WSW 1/8 - 1/4 (0.194 mi.)***	***X172***	***546***
COMMERCIAL LOT CLEAN Status: A Comp Number: 14154	***2459 NO LEE AVENUE***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X189***	***581***
E C CONSTRUCTION CO Status: A Tank Status: A Comp Number: 14000	***2213 CHICO AVE***	***SSE 1/8 - 1/4 (0.214 mi.)***	***AD202***	***621***
L G M	***2211 CHICO AVE***	***SSE 1/8 - 1/4 (0.226 mi.)***	***AD216***	***695***

Status: A Tank Status: A Comp Number: 14001				
HO SHUN LEE INC Status: A Tank Status: A Comp Number: 9200	***2209 CHICO AVE***	***SSE 1/8 - 1/4 (0.238 mi.)***	***AD243***	***784***
MIKE PRLICH & SONS Status: A Comp Number: 10676	***9316 KLINGERMAN ST***	***SW 1/8 - 1/4 (0.248 mi.)***	***AL258***	***806***
H P CUSTOM CARPENTRY Status: A Tank Status: A Comp Number: 9168	***2407 LEE AVE***	***SW 1/8 - 1/4 (0.248 mi.)***	***AC266***	***827***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 26 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUNSET LADDER CO Facility Id: 00000041161	2526 ROSEMEAD BLVD	SSW 0 - 1/8 (0.009 mi.)	B16	61
SUNSET LADDER CO	***2526 NO ROSEMEAD BLV***	***SSW 0 - 1/8 (0.009 mi.)***	***B17***	***62***
BRITE-WAY LAUNDRY Facility Id: 00000063431	***2622 CHICO AVE***	***ENE 0 - 1/8 (0.050 mi.)***	***G46***	***139***
COAST MACHINERY MOVE Facility Id: 00000005428	***2431 CHICO AVE***	***SE 0 - 1/8 (0.062 mi.)***	***E52***	***160***
COAST MACHENARY MOVE	2432 CHICO AVENUE	ESE 0 - 1/8 (0.063 mi.)	F53	163
COIT DRAPERY CLEANER Facility Id: 00000061290	***2411 CHICO AVENUE***	***SE 0 - 1/8 (0.105 mi.)***	***L85***	***224***
SPECTRA-TONE PAINT C	9635-43 KLINGERMAN	ESE 1/8 - 1/4 (0.155 mi.)	P126	381
SPECTRA-TONE PAINT C Facility Id: 00000020938	***9635 KLINGERMAN ST***	***ESE 1/8 - 1/4 (0.155 mi.)***	***P127***	***381***
BAKER SALES - WHOLES Facility Id: 00000041180	***9726 KLINGERMAN ST***	***ESE 1/8 - 1/4 (0.226 mi.)***	***Z215***	***694***
M AND M TEXACO	9432 GARVOY BLVD	N 1/8 - 1/4 (0.248 mi.)	AH260	808
M & M TEXACO Facility Id: 00000021053	9432 GARVEY AVE	N 1/8 - 1/4 (0.248 mi.)	AH264	824

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN CALIF IMPOR	***2328 NO ROSEMEAD BLV***	***S 1/8 - 1/4 (0.159 mi.)***	***T130***	***406***
SOUTHERN CALIF. IMPO Facility Id: 00000055926	2328 ROSEMEAD BLVD	S 1/8 - 1/4 (0.159 mi.)	T131	407
CHAMP CORPORATION Facility Id: 00000003582	SITE: 2423 TROY STRE	SW 1/8 - 1/4 (0.182 mi.)	Y158	511
UNITED SPRINKLER COM Facility Id: 00000021073	***2448 LEE AVE***	***WSW 1/8 - 1/4 (0.187 mi.)***	***X161***	***513***
LUSOL PRODUCTS	***2446 LEE AVE***	***WSW 1/8 - 1/4 (0.194 mi.)***	***X172***	***546***

Facility Id: 00000050536				
WILLIAM L BINGLEY	***2446 LEE AVE***	***WSW 1/8 - 1/4 (0.194 mi.)***	***X173***	***548***
COMMERCIAL LOT CLEAN	***2459 NO LEE AVENUE***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X189***	***581***
AMERICAN WRECKING IN	***2459 LEE AVE***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X192***	***587***
Facility Id: 00000021057				
E C CONSTRUCTION CO	***2213 CHICO AVE***	***SSE 1/8 - 1/4 (0.214 mi.)***	***AD202***	***621***
E.C. CONSTRUCTION	***2213 CHICO AVE***	***SSE 1/8 - 1/4 (0.214 mi.)***	***AD203***	***637***
Facility Id: 00000041467				
L.G.M. COMPANY	***2211 CHICO AVE***	***SSE 1/8 - 1/4 (0.226 mi.)***	***AD217***	***699***
Facility Id: 00000007768				
BOB WHITE PLUMBING C	2209 1/2 CHICO AVENU	SSE 1/8 - 1/4 (0.238 mi.)	AD241	783
Facility Id: 00000041466				
MIKE PRLICH & SONS	***9316 KLINGERMAN ST***	***SW 1/8 - 1/4 (0.248 mi.)***	***AL258***	***806***
Facility Id: 00000020516				
MIKE PRLICH AND SONS	9316 KLINGERMAN AVE	SW 1/8 - 1/4 (0.248 mi.)	AL259	807
TEMPLE CITY ENTERPRI	***2407 N LEE AVE***	***SW 1/8 - 1/4 (0.248 mi.)***	***AC265***	***825***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/19/2021 has revealed that there are 3 CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN WRECKING IN	***2459 LEE AVE***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X192***	***587***
E C CONSTRUCTION CO	***2213 CHICO AVE***	***SSE 1/8 - 1/4 (0.214 mi.)***	***AD202***	***621***
DITTY CONTAINER INC	***2226 N ROSEMEAD BLVD***	***S 1/8 - 1/4 (0.221 mi.)***	***AF211***	***659***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there are 37 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SENSITIVE ENVIRONMEN	2459 1/2 CHICO AVE	ESE 0 - 1/8 (0.006 mi.)	A12	58
EPA ID:: CAL000405201				
ABS AUTO BODY REPAIR	2570 CHICO AVE	E 0 - 1/8 (0.015 mi.)	C19	74
EPA ID:: CAL000344053				
COLE LIGHTING	2560 NORTH ROSEMEAD	NNE 0 - 1/8 (0.020 mi.)	D27	85
EPA ID:: CAL000121990				
REMINGTON ROLL FORMI	2445 1/2 CHICO AVE	ESE 0 - 1/8 (0.045 mi.)	E40	128

	Address	Direction / Distance	Map ID	Page
EPA ID:: CAL000131151				
CALIFORNIA TC GROUP, EPA ID:: CAC003033489	2622 CHICO AVE	ENE 0 - 1/8 (0.050 mi.)	G43	131
CAL TC GROUP EPA ID:: CAC003033488	2622 CHICO AVENUE	ENE 0 - 1/8 (0.050 mi.)	G44	134
COAST MACHINERY MOVE EPA ID:: CAL000147771	2431 CHICO AVE	SE 0 - 1/8 (0.062 mi.)	E51	157
NEW WORLD AUTOMOTIVE EPA ID:: CAL000363400	2627 ROSEMEAD BLVD	NNW 0 - 1/8 (0.086 mi.)	H73	193
JLC CORPORATION DBA EPA ID:: CAL000213767	2637 N ROSEMEAD BLVD	NNW 0 - 1/8 (0.096 mi.)	H78	205
MONTEREY CASKET CO EPA ID:: CAL000147749	2404 CHICO AVE	SE 0 - 1/8 (0.120 mi.)	L102	344
AT AUTO REPAIR CENTE EPA ID:: CAL000415789	9609 KLINGERMAN ST	ESE 1/8 - 1/4 (0.125 mi.)	L106	350
PACIFIC MARINE SYSTE EPA ID:: CAL000194248	9619 KLINGERMAN ST	ESE 1/8 - 1/4 (0.134 mi.)	P111	362
ALTERNATIVE MATERIAL EPA ID:: CAR000069377	9643 KLINGERMAN ST	ESE 1/8 - 1/4 (0.167 mi.)	P135	418
AUTOMATIC FIRE CONTR EPA ID:: CAL000249740	9600 KLINGERMAN ST	SE 1/8 - 1/4 (0.168 mi.)	P136	421
LA TRIM INC EPA ID:: CAD983584111	***2638 LEE AVE***	***WNW 1/8 - 1/4 (0.201 mi.)***	***AA182***	***570***
KCT AUTO SERVICE EPA ID:: CAL000395042	2754 BRUIN AVE	N 1/8 - 1/4 (0.231 mi.)	AH224	723
WANG CAI AUTO CENTER EPA ID:: CAL000391851	2700 LEE AVE	NW 1/8 - 1/4 (0.233 mi.)	AA228	751
SUPER AUTO COLLISION EPA ID:: CAL000442949	2700 LEE AVE	NW 1/8 - 1/4 (0.233 mi.)	AA229	753
SOUTHBAY ELECTRICAL EPA ID:: CAL000387666	9739 KLINGERMAN ST	ESE 1/8 - 1/4 (0.235 mi.)	AE232	774
JUSTIN INC	2663 LEE AVE	NW 1/8 - 1/4 (0.244 mi.)	AA251	795
AM PUMPING INC EPA ID:: CAT080012776	***9452 E GARVEY AVE***	***N 1/8 - 1/4 (0.244 mi.)***	***AH254***	***799***

Lower Elevation	Address	Direction / Distance	Map ID	Page
EUROPEAN AUTO TECH EPA ID:: CAL000125711	2456 1/4 ROSEMEAD BL	SSW 0 - 1/8 (0.071 mi.)	I57	167
GR ROLL OFF SERVICE,	2552 TROY AVE	W 0 - 1/8 (0.085 mi.)	J72	191
JC HAULING EPA ID:: CAC003048951	2450 ROSEMEAD BLVD	S 0 - 1/8 (0.091 mi.)	I76	201
A TEMP REFRIGERATION EPA ID:: CAL000430248	9321 FERN ST	WNW 1/8 - 1/4 (0.138 mi.)	Q116	371
EDAB PROPERTIES, LLC	2426 ROSEMEAD BLVD	S 1/8 - 1/4 (0.138 mi.)	O117	374
OK AUTO COLLISION CE EPA ID:: CAL000434822	2558 LEE AVE	W 1/8 - 1/4 (0.170 mi.)	Q141	474
SOUTH ALLIANCE INDUS	2423 TROY AVENUE	SW 1/8 - 1/4 (0.180 mi.)	N154	501

EPA ID:: CAL000429510				
J F C FURNITURE REFI EPA ID:: CAL000024124	2519 LEE AVE	W 1/8 - 1/4 (0.192 mi.)	V169	535
WILLIAM L BINGLEY EPA ID:: CAP000200143	2446 LEE AVE	WSW 1/8 - 1/4 (0.194 mi.)	X174	554
GOLDEN SPRING MANAGE EPA ID:: CAC003035785	2446 LEE AVE	WSW 1/8 - 1/4 (0.194 mi.)	X175	556
UNITEX MFG INC EPA ID:: CAL000327341	2511 LEE AVE	WSW 1/8 - 1/4 (0.198 mi.)	X178	559
BHY TRUCKING INC EPA ID:: CAD072925795	***2317 ROSEMEAD BLVD***	***SSW 1/8 - 1/4 (0.205 mi.)***	***T187***	***574***
AMERICAN WRECKING IN EPA ID:: CAL000104979	2459 LEE AVE	WSW 1/8 - 1/4 (0.205 mi.)	X191	584
E C CONSTRUCTION CO EPA ID:: CAD048462980	2213 CHICO AVE	SSE 1/8 - 1/4 (0.214 mi.)	AD201	619
MAC AUTO BODY SHOP I EPA ID:: CAL000317763	2631 LEE AVE	WNW 1/8 - 1/4 (0.214 mi.)	AA205	640
SIERRA LANDSCAPE DEV	2209 1/2 CHICO AVE	SSE 1/8 - 1/4 (0.238 mi.)	AD240	781

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 02/11/2021 has revealed that there are 2 FUDS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
USAR OUTDR TRAINNG A		SSW 1/2 - 1 (0.927 mi.)	BA349	1426
FORMER NIKE SITE LA-		SSE 1/2 - 1 (0.984 mi.)	BB351	1440

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 04/27/2021 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (EPA ID:: CAD980677355	***PECK RD & REAL***	***0 - 1/8 (0.000 mi.)***	***0***	***9***

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 06/30/2021 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (	***PECK RD & REAL***	***0 - 1/8 (0.000 mi.)***	***0***	***9***

EXECUTIVE SUMMARY

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 03/22/2021 has revealed that there are 21 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCWHIRTER TEXACO.S.S Cleanup Status: OPEN - REMEDIATION	***9432 GARVEY AVE E***	***N 1/8 - 1/4 (0.248 mi.)***	***AH263***	***811***
UNITED TIRE/BENEFICI Cleanup Status: COMPLETED - CASE CLOSED	***9505 E GARVEY AVE***	***N 1/4 - 1/2 (0.253 mi.)***	***AI269***	***840***
CHEVRON #20-6008 (FO Cleanup Status: COMPLETED - CASE CLOSED	***9420 GARVEY AVE***	***N 1/4 - 1/2 (0.273 mi.)***	***AH278***	***889***
BEN CHERNICK Cleanup Status: COMPLETED - CASE CLOSED	***2737 LEE AVE***	***NW 1/4 - 1/2 (0.297 mi.)***	***284***	***945***
SQUARE TOOL & MACHIN Cleanup Status: COMPLETED - CASE CLOSED	***9730 FACTORIAL WAY***	***SE 1/4 - 1/2 (0.306 mi.)***	***AN287***	***949***
MOBIL #18-MWJ Cleanup Status: COMPLETED - CASE CLOSED	***9401 GARVEY AVE.***	***NNW 1/4 - 1/2 (0.311 mi.)***	***AM291***	***997***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHAMP CORP. Cleanup Status: COMPLETED - CASE CLOSED	***2500 ROSEMEAD BLVD N***	***SSW 0 - 1/8 (0.060 mi.)***	***B49***	***142***
MARGE WARNER Cleanup Status: COMPLETED - CASE CLOSED	***2459 LEE AVE N***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X188***	***577***
E C CONSTRUCTION CO Cleanup Status: COMPLETED - CASE CLOSED	***2213 CHICO AVE***	***SSE 1/8 - 1/4 (0.214 mi.)***	***AD202***	***621***
FORMS & SERVICES/MET Cleanup Status: COMPLETED - CASE CLOSED	***2112 CHICO AVE N***	***SSE 1/4 - 1/2 (0.269 mi.)***	***AG275***	***878***
GARVEY PLUMBING & HA Cleanup Status: COMPLETED - CASE CLOSED	***2108 CHICO AVE***	***SSE 1/4 - 1/2 (0.279 mi.)***	***AG281***	***898***
ZACKY FOODS CO Cleanup Status: COMPLETED - CASE CLOSED	2325 LOMA AVE N	SW 1/4 - 1/2 (0.352 mi.)	AO295	1014
GILMORE LIQUID AIR C Cleanup Status: COMPLETED - CASE CLOSED	***9503 RUSH ST E***	***SSE 1/4 - 1/2 (0.363 mi.)***	***AP300***	***1025***
OWEN BROTHERS ENTERP Cleanup Status: COMPLETED - CASE CLOSED	***9608 E RUSH STREET***	***SSE 1/4 - 1/2 (0.379 mi.)***	***AQ305***	***1044***
VALLEY CITIES SUPPLY Cleanup Status: COMPLETED - CASE CLOSED	***9510 RUSH ST***	***SSE 1/4 - 1/2 (0.387 mi.)***	***AP308***	***1053***
UNOCAL #3520 Cleanup Status: COMPLETED - CASE CLOSED	***9408 RUSH ST E***	***S 1/4 - 1/2 (0.390 mi.)***	***AT311***	***1136***
ROBERT BRKICH CONSTR Cleanup Status: COMPLETED - CASE CLOSED	***9638 RUSH ST***	***SSE 1/4 - 1/2 (0.394 mi.)***	***AQ313***	***1142***
BARRY ZWAHLEN/PRIVAT Cleanup Status: COMPLETED - CASE CLOSED	***2223 LOMA AVE***	***SW 1/4 - 1/2 (0.421 mi.)***	***AS320***	***1193***
TEXACO #61-106-00057 Cleanup Status: COMPLETED - CASE CLOSED	***1955 ROSEMEAD BLVD N***	***S 1/4 - 1/2 (0.425 mi.)***	***AV322***	***1197***
SHELL SERVICE STATIO	***1955 ROSEMEAD BLVD.***	***S 1/4 - 1/2 (0.425 mi.)***	***AV323***	***1202***

Cleanup Status: COMPLETED - CASE CLOSED

SHELL SERVICE STATIO	***1955 ROSEMEAD BLVD.***	***S 1/4 - 1/2 (0.425 mi.)***	***AV324***	***1206***
Cleanup Status: COMPLETED - CASE CLOSED				

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELDON DRAPERY CLEANE	***2461 CHICO AVE***	***ESE 0 - 1/8 (0.005 mi.)***	***A6***	***51***
Database: DRYCLEANERS, Date of Government Version: 03/01/2021 EPA Id: CAL000220554				
COIT DRAPERY & CARPE	2411 CHICO AVE	SE 0 - 1/8 (0.105 mi.)	L87	226
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 02/23/2021				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 18 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCWHIRTER TEXACO.S.S Reg Id: I-11450	9432 GARVEY	N 1/8 - 1/4 (0.248 mi.)	AH262	811
CHEVRON #20-6008 (FO Reg Id: R-04640	***9420 GARVEY***	***N 1/4 - 1/2 (0.273 mi.)***	***AH277***	***887***
MOBIL #17-MWJ Reg Id: 000348 Reg Id: 348	9401 BROADWAY	NNW 1/4 - 1/2 (0.295 mi.)	AM282	902
BEN CHERNICK Reg Id: I-14400	***2737 LEE AVE***	***NW 1/4 - 1/2 (0.297 mi.)***	***284***	***945***
SQUARE TOOL & MACHIN Reg Id: R-09220	9730 FACTORIAL	SE 1/4 - 1/2 (0.306 mi.)	AN288	993

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHAMP CORP. Reg Id: I-09430	***2500 ROSEMEAD BLVD N***	***SSW 0 - 1/8 (0.060 mi.)***	***B49***	***142***
MARGE WARNER Reg Id: I-23117	***2459 LEE AVE N***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X188***	***577***
E C CONSTRUCTION CO Reg Id: I-14000	***2213 CHICO AVE***	***SSE 1/8 - 1/4 (0.214 mi.)***	***AD202***	***621***
PACIFIC COAST DRUM C	2200 ROSEMEAD	S 1/4 - 1/2 (0.263 mi.)	AF273	875

	Address	Direction / Distance	Map ID	Page
Reg Id: 107.0266				
FORMS AND SURFACES, Reg Id: R-25424	***2112 CHICO***	***SSE 1/4 - 1/2 (0.269 mi.)***	***AG276***	***885***
GARVEY PLUMBING & HA Reg Id: I-15916	***2108 CHICO AVE***	***SSE 1/4 - 1/2 (0.279 mi.)***	***AG281***	***898***
GILMORE LIQUID AIR C Reg Id: I-11693	***9503 RUSH ST E***	***SSE 1/4 - 1/2 (0.363 mi.)***	***AP300***	***1025***
VALLEY CITIES SUPPLY Reg Id: I-09173	***9510 RUSH ST***	***SSE 1/4 - 1/2 (0.387 mi.)***	***AP308***	***1053***
UNOCAL #3520 Reg Id: R-03664	***9408 RUSH ST E***	***S 1/4 - 1/2 (0.390 mi.)***	***AT311***	***1136***
ROBERT BRKICH CONSTR Reg Id: I-16223	***9638 RUSH***	***SSE 1/4 - 1/2 (0.394 mi.)***	***AQ314***	***1145***
BARRY ZWAHLEN/PRIVAT Reg Id: 107.0416	***2223 LOMA AVE***	***SW 1/4 - 1/2 (0.421 mi.)***	***AS320***	***1193***
TEXACO #61-106-00057 Reg Id: R-06035	1955 ROSEMEAD	S 1/4 - 1/2 (0.425 mi.)	AV321	1197
LOS ANGELES DIE MOLD Reg Id: 001824	***1942 N ROSEMEAD BLVD***	***S 1/4 - 1/2 (0.433 mi.)***	***AT325***	***1209***

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 05/14/2021 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BOER GRAPHICS (ROBER EPA ID: CAD008246746 Cleanup Status: PROTECTIVE FILER	***9323 RUSH ST***	***SSW 1/4 - 1/2 (0.413 mi.)***	***AU318***	***1164***

HWT: A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

A review of the HWT list, as provided by EDR, and dated 04/05/2021 has revealed that there is 1 HWT site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COUNTRY OAK MANUFACT Reg Num: 6358	***2459 CHICO AVE***	***ESE 0 - 1/8 (0.006 mi.)***	***A9***	***54***

EXECUTIVE SUMMARY

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/12/2021 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNKNOWN	C/O AEROJET & TELSTA	NNW 1/2 - 1 (0.766 mi.)	345	1396

WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there are 144 WIP sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
C K M Facility Status: Historical	2465 CHICO AVE	ESE 0 - 1/8 (0.002 mi.)	A2	49
CEMCO Facility Status: Historical	2465 CHICO AVE	ESE 0 - 1/8 (0.002 mi.)	A3	49
GENERAL ENAMELING CO Facility Status: Active	2463 CHICO AVE	ESE 0 - 1/8 (0.003 mi.)	A4	49
PAUL PACIFIC PLUMBIN Facility Status: Historical	***2463 CHICO AVE***	***ESE 0 - 1/8 (0.003 mi.)***	***A5***	***50***
ELDON DRAPERY CLEANE Facility Status: Historical	***2461 CHICO AVE***	***ESE 0 - 1/8 (0.005 mi.)***	***A6***	***51***
K. L. ENTERPRISES Facility Status: Historical	2459 CHICO AVE	ESE 0 - 1/8 (0.006 mi.)	A8	53
COUNTRY OAK MANUFACT	***2459 CHICO AVE***	***ESE 0 - 1/8 (0.006 mi.)***	***A9***	***54***
SMITH INDUSTRIAL TIR Facility Status: Historical	2459 CHICO AVE	ESE 0 - 1/8 (0.006 mi.)	A11	58
JJ FURNITURE CO. Facility Status: Historical	2457 CHICO AVE	ESE 0 - 1/8 (0.008 mi.)	A13	60
TOOL & DIE WELDING C Facility Status: Historical	2457 CHICO AVE	ESE 0 - 1/8 (0.008 mi.)	A14	61
T&T FABRICATING Facility Status: Historical	2457 CHICO AVE	ESE 0 - 1/8 (0.008 mi.)	A15	61
SUNSET LADDER CO Facility Status: Historical	***2526 NO ROSEMEAD BLV***	***SSW 0 - 1/8 (0.009 mi.)***	***B17***	***62***
HIGH STRESS CASTING Facility Status: Historical	2524 CHICO AVE	E 0 - 1/8 (0.017 mi.)	A21	80
ALLOYS NON-FERROUS F Facility Status: Historical	***2532 CHICO AVE***	***E 0 - 1/8 (0.017 mi.)***	***C22***	***80***
IMPORT GLASS CORP. Facility Status: Historical	2510 CHICO AVE	ESE 0 - 1/8 (0.017 mi.)	A23	82
M. V. A. ENTERPRISES	2466 CHICO AVE	ESE 0 - 1/8 (0.018 mi.)	A24	82
TONEY'S AUTO ELECTRI	2547 ROSEMEAD BLVD	WNW 0 - 1/8 (0.018 mi.)	B25	82
C.W. COLE & CO. INC.	***2560 ROSEMEAD BLVD***	***NNE 0 - 1/8 (0.020 mi.)***	***D28***	***88***

Site Name	Address	Direction / Distance	Map ID	Page
Facility Status: Historical				
A & E SHEET METAL WO Facility Status: Historical	2604 CHICO AVE	ENE 0 - 1/8 (0.021 mi.)	C30	94
CEMCO FITNESS PRODUC Facility Status: Historical	2453 CHICO AVE	ESE 0 - 1/8 (0.027 mi.)	A31	95
LIBERTY CLIMATE CONT Facility Status: Historical	***2447 CHICO AVE***	***ESE 0 - 1/8 (0.027 mi.)***	***E32***	***95***
AMEX DIE CUTTING SER Facility Status: Historical	2454 CHICO AVE	ESE 0 - 1/8 (0.028 mi.)	A34	99
WORLD IMPORTS Facility Status: Historical	2446 CHICO AVE	ESE 0 - 1/8 (0.038 mi.)	A36	102
REMINGTON ROLL FORMI Facility Status: Historical	2445 CHICO AVE	ESE 0 - 1/8 (0.045 mi.)	E39	128
L. A. ANNEX Facility Status: Historical	2445 CHICO AVE	ESE 0 - 1/8 (0.045 mi.)	E41	131
PACIFIC HARDWARE MFG Facility Status: Historical	2442 CHICO AVE	ESE 0 - 1/8 (0.048 mi.)	F42	131
BRITE-WAY LAUNDRY Facility Status: Historical	***2622 CHICO AVE***	***ENE 0 - 1/8 (0.050 mi.)***	***G46***	***139***
PRECISION HINGE CO.,	2436 CHICO AVE	ESE 0 - 1/8 (0.059 mi.)	F47	140
COAST MACHINERY MOVE	***2431 CHICO AVE***	***SE 0 - 1/8 (0.062 mi.)***	***E52***	***160***
LUV MANUFACTURING Facility Status: Historical	2611 ROSEMEAD BLVD	NW 0 - 1/8 (0.065 mi.)	H54	163
SBICCA OF CALIFORNIA Facility Status: Historical	2620 ROSEMEAD BLVD	NNW 0 - 1/8 (0.065 mi.)	H56	167
VACANT BUILDING Facility Status: Historical	9630 FERN ST	E 0 - 1/8 (0.073 mi.)	61	173
WIEZBISKI JOHN/JANET Facility Status: Historical	2656 ROSEMEAD BLVD	NNW 0 - 1/8 (0.081 mi.)	H65	183
ON THE SPOT Facility Status: Historical	2656 ROSEMEAD BLVD	NNW 0 - 1/8 (0.081 mi.)	H67	184
A-WARE CHARTER Facility Status: Historical	2656 ROSEMEAD BLVD	NNW 0 - 1/8 (0.081 mi.)	H68	184
ROY'S BODY SHOP Facility Status: Historical	2656 ROSEMEAD BLVD	NNW 0 - 1/8 (0.081 mi.)	H69	184
ADVANCE SCREW PRODUC	***2650 ROSEMEAD BLVD***	***N 0 - 1/8 (0.082 mi.)***	***H70***	***185***
VACATION ENTERPRISES Facility Status: Historical	2650 ROSEMEAD BLVD	N 0 - 1/8 (0.082 mi.)	H71	191
VANSCO Facility Status: Active	***2652 LASHBROOK AVE***	***NNE 0 - 1/8 (0.093 mi.)***	***K77***	***204***
SUPERIOR AUTO PARTS Facility Status: Historical	2637 ROSEMEAD BLVD	NNW 0 - 1/8 (0.096 mi.)	H81	223
ROCAM, INC. Facility Status: Historical	2655 LASHBROOK AVE	NNE 0 - 1/8 (0.098 mi.)	K83	224
RAYPACK, INC. Facility Status: Backlog	2416 CHICO AVE	SE 0 - 1/8 (0.102 mi.)	L84	224
COIT DRAPERY CLEANER	***2411 CHICO AVENUE***	***SE 0 - 1/8 (0.105 mi.)***	***L85***	***224***

Facility Status: Historical				
A & R LUGGAGE	9605 KLINGERMAN ST	ESE 0 - 1/8 (0.107 mi.)	L90	274
Facility Status: Historical				
J. P. MILLER COMPANY	2410 CHICO AVE	SE 0 - 1/8 (0.110 mi.)	L91	274
Facility Status: Historical				
YON MING AUTO CO., I	2656 LASHBROOK AVE	NNE 0 - 1/8 (0.113 mi.)	K93	275
Facility Status: Historical				
LEISURE SHOE CO., IN	2657 LASHBROOK AVE	NNE 0 - 1/8 (0.117 mi.)	K97	286
Facility Status: Historical				
PHIL S AUTO SALVAGE	***2405 CHICO AVE***	***SE 0 - 1/8 (0.118 mi.)***	***L100***	***313***
Facility Status: Historical				
MONTEREY CASKET CO.,	***2404 CHICO AVE***	***SE 0 - 1/8 (0.120 mi.)***	***L103***	***346***
Facility Status: Active				
MSDS	2643 ROSEMEAD BLVD	NNW 0 - 1/8 (0.123 mi.)	M105	349
Facility Status: Historical				
MIKE'S MICRO PARTS	9619 KLINGERMAN ST	ESE 1/8 - 1/4 (0.134 mi.)	P112	365
Facility Status: Historical				
SILVER STREAK TRAILE	***2319 CHICO AVE***	***SE 1/8 - 1/4 (0.135 mi.)***	***L113***	***365***
Facility Status: Active				
SERVEX CORP.	9620 KLINGERMAN ST	SE 1/8 - 1/4 (0.140 mi.)	P119	378
Facility Status: Historical				
ASSOC. SILK SCREEN P	2712 CHICO AVE	NE 1/8 - 1/4 (0.142 mi.)	R121	379
ELECTRO PLATE RACK C	2640 TROY AVE	NW 1/8 - 1/4 (0.147 mi.)	M122	379
Facility Status: Historical				
MARTINEZ MATTRESS	2671 TROY AVE	NW 1/8 - 1/4 (0.155 mi.)	S125	380
SPECTRA-TONE PAINT C	***9635 KLINGERMAN ST***	***ESE 1/8 - 1/4 (0.155 mi.)***	***P127***	***381***
Facility Status: Historical				
D & T SEWING FACTORY	2700 BRUIN AVE	N 1/8 - 1/4 (0.156 mi.)	M128	397
Facility Status: Historical				
DECORATIVE CABINET,	***2718 CHICO AVE***	***NE 1/8 - 1/4 (0.163 mi.)***	***R132***	***407***
PORTER MFG. & SUPPLY	2251 CHICO AVE	SE 1/8 - 1/4 (0.164 mi.)	U133	414
Facility Status: Historical				
FEATHER-LITE OF SO.C	9600 KLINGERMAN ST	SE 1/8 - 1/4 (0.168 mi.)	P137	423
Facility Status: Historical				
CO-OP BACKHOE	2710 N BRUIN AVE	N 1/8 - 1/4 (0.174 mi.)	W146	481
Facility Status: Historical				
AMERICAN GENERAL BUS	***2430 CHICO AVE***	***SE 1/8 - 1/4 (0.175 mi.)***	***P149***	***483***
Facility Status: Active				
PRIME ENGINEERING	***9640 KLINGERMAN ST***	***ESE 1/8 - 1/4 (0.176 mi.)***	***P150***	***484***
Facility Status: Historical				
JAYBIRD CAMPERS	2734 CHICO AVE	NE 1/8 - 1/4 (0.185 mi.)	R159	513
FORMER PRIME ENGINEE	***9702 KLINGERMAN ST***	***ESE 1/8 - 1/4 (0.189 mi.)***	***Z164***	***520***
Facility Status: Active				
MANUFACTURERS SERVIC	9715 KLINGERMAN ST	ESE 1/8 - 1/4 (0.191 mi.)	Z165	521
Facility Status: Historical				
CONTINENTAL WOODWORK	2227 CHICO AVE	SSE 1/8 - 1/4 (0.195 mi.)	U176	559
Facility Status: Historical				
SMOG CENTER	2722 N BRUIN AVE	N 1/8 - 1/4 (0.197 mi.)	W177	559

Facility Status: Historical				
ROC-AIRE CORP.	***9710 KLINGERMAN ST***	***ESE 1/8 - 1/4 (0.200 mi.)***	***Z180***	***562***
Facility Status: Active				
BOLCO ATHLETIC CO.,	***2638 LEE AVE***	***WNW 1/8 - 1/4 (0.201 mi.)***	***AA181***	***563***
Facility Status: Historical				
AIR DISTRIBUTION PRO	9721 KLINGERMAN ST	ESE 1/8 - 1/4 (0.201 mi.)	Z183	573
Facility Status: Historical				
SANTA CLAUS, INC.	9721 KLINGERMAN ST	ESE 1/8 - 1/4 (0.201 mi.)	Z184	573
HOW E. BAKER CO. (HE	2224 CHICO AVE	SE 1/8 - 1/4 (0.206 mi.)	U194	600
Facility Status: Historical				
FLEXFIRM PRODS	***2300 CHICO AVE.***	***SE 1/8 - 1/4 (0.211 mi.)***	***AB197***	***617***
Facility Status: Historical				
J.O.B. PRECISION MAC	9718 KLINGERMAN ST	ESE 1/8 - 1/4 (0.212 mi.)	Z199	618
Facility Status: Historical				
AIR DISTRIBUTION PRO	9733 KLINGERMAN ST	ESE 1/8 - 1/4 (0.220 mi.)	AE208	658
Facility Status: Historical				
FREDDIE MAC'S INC	***2740 NORTH BRUIN AVE***	***N 1/8 - 1/4 (0.220 mi.)***	***W209***	***658***
Facility Status: Historical				
BAKER SALES - WHOLES	***9726 KLINGERMAN ST***	***ESE 1/8 - 1/4 (0.226 mi.)***	***Z215***	***694***
Facility Status: Historical				
MANUFACTURERS SERVIC	***2210 CHICO AVE***	***SE 1/8 - 1/4 (0.227 mi.)***	***AG218***	***700***
Facility Status: Active				
VILLA'S RADIATOR	2750 N BRUIN AVE	N 1/8 - 1/4 (0.228 mi.)	AH219	721
Facility Status: Historical				
FINE VALUE FURNITURE	9468 E GARVEY AVE	N 1/8 - 1/4 (0.228 mi.)	AI220	721
Facility Status: Historical				
WESTERN TRAILER SERV	2754 BRUIN AVE	N 1/8 - 1/4 (0.231 mi.)	AH223	722
Facility Status: Historical				
HARMAC COMPANY	9739 KLINGERMAN ST	ESE 1/8 - 1/4 (0.235 mi.)	AE233	776
Facility Status: Backlog				
ITAL CUSTOM CABINETS	2651 LEE AVE	NW 1/8 - 1/4 (0.236 mi.)	AA237	780
Facility Status: Historical				
TRU-CUT GRINDING	2651 LEE AVE	NW 1/8 - 1/4 (0.236 mi.)	AA238	780
Facility Status: Historical				
M & M'S CAR WORLD	9414 E GARVEY AVE	NNW 1/8 - 1/4 (0.237 mi.)	AH239	781
Facility Status: Historical				
JADE PRODUCTS	9705 FACTORIAL WAY	SE 1/8 - 1/4 (0.238 mi.)	AK244	790
Facility Status: Historical				
ARDAN INDUSTRIES	9734 KLINGERMAN ST	ESE 1/8 - 1/4 (0.239 mi.)	AE245	790
Facility Status: Historical				
QUINTUS	***2200 CHICO AVE***	***SE 1/8 - 1/4 (0.242 mi.)***	***AB248***	***791***
Facility Status: Historical				
BLAZER MANUFACTURING	9614 GARVEY AVE	NE 1/8 - 1/4 (0.243 mi.)	249	794
JUSTIN, INC.	2663 LEE AVE	NW 1/8 - 1/4 (0.244 mi.)	AA250	795
Facility Status: Historical				
AM PUMPING INC.	9452 GARVEY AVE	N 1/8 - 1/4 (0.244 mi.)	AH252	797
Facility Status: Historical				
GARVEY AUTO AND TRUC	***9452 GARVEY AVE***	***N 1/8 - 1/4 (0.244 mi.)***	***AH253***	***798***

Facility Status: Historical

Lower Elevation	Address	Direction / Distance	Map ID	Page
SNYDER RESEARCH LABO Facility Status: Historical	2535 ROSEMEAD BLVD	W 0 - 1/8 (0.027 mi.)	B33	99
ABC DISTRIBUTING Facility Status: Historical	2501 ROSEMEAD BLVD	SW 0 - 1/8 (0.044 mi.)	B37	103
CHAMP CORP Facility Status: Active	***2500 ROSEMEAD BLVD***	***SSW 0 - 1/8 (0.060 mi.)***	***B48***	***140***
HOS ENTERPRISES Facility Status: Historical	***2456 ROSEMEAD BLVD***	***SSW 0 - 1/8 (0.071 mi.)***	***I58***	***169***
HOOTER BROS ENAMELIN Facility Status: Active	***2460 N. ROSEMEAD BLV***	***SSW 0 - 1/8 (0.075 mi.)***	***I63***	***181***
BUCHANAN CO., INC. Facility Status: Historical	***2464 ROSEMEAD BLVD.***	***SSW 0 - 1/8 (0.079 mi.)***	***I64***	***182***
SOUTH CALIFORNIA PRO Facility Status: Historical	***2450 ROSEMEAD BLVD***	***S 0 - 1/8 (0.091 mi.)***	***I75***	***200***
KECK & SCHMIDT TOOL	***2610 TROY AVE***	***NW 0 - 1/8 (0.105 mi.)***	***H89***	***267***
UNITED METAL FABRICA Facility Status: Historical	2434 ROSEMEAD BLVD	S 0 - 1/8 (0.112 mi.)	I92	274
K.V. COLLECTION Facility Status: Historical	2438 ROSEMEAD BLVD	S 0 - 1/8 (0.116 mi.)	I95	283
BLANCO'S WELDING	***9329 FERN ST***	***WNW 0 - 1/8 (0.116 mi.)***	***J96***	***283***
MAVERICK MACHINERY C	2440 ROSEMEAD BLVD	S 0 - 1/8 (0.118 mi.)	I99	313
NOMAD FASTENER CO. Facility Status: Historical	2442 ROSEMEAD BLVD	S 0 - 1/8 (0.120 mi.)	I104	349
QUALITY MOBILE HOME Facility Status: Historical	2420 ROSEMEAD BLVD	S 1/8 - 1/4 (0.129 mi.)	O110	362
CUNNINGHAM CO., INC. Facility Status: Historical	2424 ROSEMEAD BLVD	S 1/8 - 1/4 (0.136 mi.)	O114	366
DC SHEET METAL CO. Facility Status: Historical	***2426 ROSEMEAD BLVD***	***S 1/8 - 1/4 (0.138 mi.)***	***O118***	***376***
HYDE ENGINEERING COR Facility Status: Backlog	***2428 ROSEMEAD BLVD***	***S 1/8 - 1/4 (0.141 mi.)***	***O120***	***378***
ARTISTIC PRESENTATIO Facility Status: Historical	2400 ROSEMEAD BLVD	S 1/8 - 1/4 (0.152 mi.)	O123	379
SOUTHERN CALIF IMPOR Facility Status: Historical	***2328 NO ROSEMEAD BLV***	***S 1/8 - 1/4 (0.159 mi.)***	***T130***	***406***
RODRIGUEZ BROTHER'S	***2542 LEE AVE***	***W 1/8 - 1/4 (0.169 mi.)***	***V138***	***423***
HARMONY METAL POLISH Facility Status: Historical	2510 LEE AVE	WSW 1/8 - 1/4 (0.171 mi.)	V142	477
COATINGS RESOURCE CO Facility Status: Active	***2552 LEE AVE***	***W 1/8 - 1/4 (0.172 mi.)***	***V144***	***480***
M - MACHINE Facility Status: Historical	2516 LEE AVE	W 1/8 - 1/4 (0.173 mi.)	V145	481
LORENZO AND SONS BOI Facility Status: Historical	2512 LEE AVE	WSW 1/8 - 1/4 (0.174 mi.)	V147	481
DIAL ONE BUY-RITE TR	2502 LEE AVE	WSW 1/8 - 1/4 (0.177 mi.)	X151	485

Facility Status: Historical				
VACANT BUILDING Facility Status: Historical	2620 LEE AVE	WNW 1/8 - 1/4 (0.186 mi.)	Q160	513
UNITED SPRINKLER COM Facility Status: Historical	***2448 LEE AVE***	***WSW 1/8 - 1/4 (0.187 mi.)***	***X161***	***513***
JFC CUSTOM FURNITURE Facility Status: Historical	2519 N LEE AVE	WSW 1/8 - 1/4 (0.188 mi.)	X163	520
G & M BACK HOE Facility Status: Historical	2402 TROY AVE	SSW 1/8 - 1/4 (0.191 mi.)	Y166	521
LUSOL PRODUCTS Facility Status: Historical	***2446 LEE AVE***	***WSW 1/8 - 1/4 (0.194 mi.)***	***X172***	***546***
RIVERAS AUTO REPAIR Facility Status: Historical	9366 KLINGERMAN ST	SSW 1/8 - 1/4 (0.198 mi.)	Y179	562
HOLST PAINTING & DEC Facility Status: Historical	2407 TROY AVE	SW 1/8 - 1/4 (0.201 mi.)	Y185	573
BHY TRUCKING INC. Facility Status: Historical	***2317 N. ROSEMEAD BLV***	***SSW 1/8 - 1/4 (0.205 mi.)***	***T186***	***574***
AMERICAN WRECKING IN Facility Status: Historical	***2459 LEE AVE***	***WSW 1/8 - 1/4 (0.205 mi.)***	***X192***	***587***
BUDCO	2310 ROSEMEAD BLVD	S 1/8 - 1/4 (0.207 mi.)	T195	600
SURE SHOT NEGATIVE &	2424 LEE AVE	SW 1/8 - 1/4 (0.212 mi.)	AC200	618
E.C. CONSTRUCTION Facility Status: Historical	***2213 CHICO AVE***	***SSE 1/8 - 1/4 (0.214 mi.)***	***AD203***	***637***
A & A SCREW PRODUCTS Facility Status: Historical	2217 CHICO AVE	SE 1/8 - 1/4 (0.220 mi.)	AD207	657
W.H. ALIGOOD COMPANY Facility Status: Historical	2645 LEE AVE	WNW 1/8 - 1/4 (0.224 mi.)	AA213	693
CROWN EQUIPMENT AND Facility Status: Historical	2645 LEE AVE	WNW 1/8 - 1/4 (0.224 mi.)	AA214	694
L.G.M. COMPANY Facility Status: Historical	***2211 CHICO AVE***	***SSE 1/8 - 1/4 (0.226 mi.)***	***AD217***	***699***
ED'S ENGINE REBUILDI Facility Status: Historical	2414 LEE AVE	SW 1/8 - 1/4 (0.228 mi.)	AC221	722
LAWRENCE EQUIPMENT S	9231 FERN ST	WNW 1/8 - 1/4 (0.229 mi.)	AJ222	722
TOPAZ PRECISION, INC Facility Status: Historical	9229 FERN ST	WNW 1/8 - 1/4 (0.232 mi.)	AJ226	741
TIP-TOP LABEL COMPAN Facility Status: Historical	***2207 CHICO AVE***	***SSE 1/8 - 1/4 (0.233 mi.)***	***AD231***	***767***
ROSEMEAD TRUCK TIRE Facility Status: Historical	2218 ROSEMEAD BLVD	S 1/8 - 1/4 (0.236 mi.)	AF236	780
APPLIED SYSTEMS WATE Facility Status: Historical	2209 CHICO AVE	SSE 1/8 - 1/4 (0.238 mi.)	AD242	784
PRECISION POWDERED M Facility Status: Historical	2206 CHICO AVE	SE 1/8 - 1/4 (0.242 mi.)	AG247	791
MARCOR OF CALIF. Facility Status: Historical	2413 LEE AVE	SW 1/8 - 1/4 (0.245 mi.)	AC256	806
OLIVER MACHINE WORKS	9215 FERN ST	WNW 1/8 - 1/4 (0.248 mi.)	AJ257	806

LOS ANGELES CO LF METHANE: This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

A review of the LOS ANGELES CO LF METHANE list, as provided by EDR, and dated 02/04/2021 has revealed that there is 1 LOS ANGELES CO LF METHANE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALTRANS - ROSEMEAD		N 1/4 - 1/2 (0.303 mi.)	285	949

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUPERIOR STD TRANSM	2637 ROSEMEAD BLVD	NNW 0 - 1/8 (0.096 mi.)	H79	208

Lower Elevation	Address	Direction / Distance	Map ID	Page
EUROPEAN AUTOMOTIVE	2456 1/4 ROSEMEAD BL	SSW 0 - 1/8 (0.071 mi.)	I60	173

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

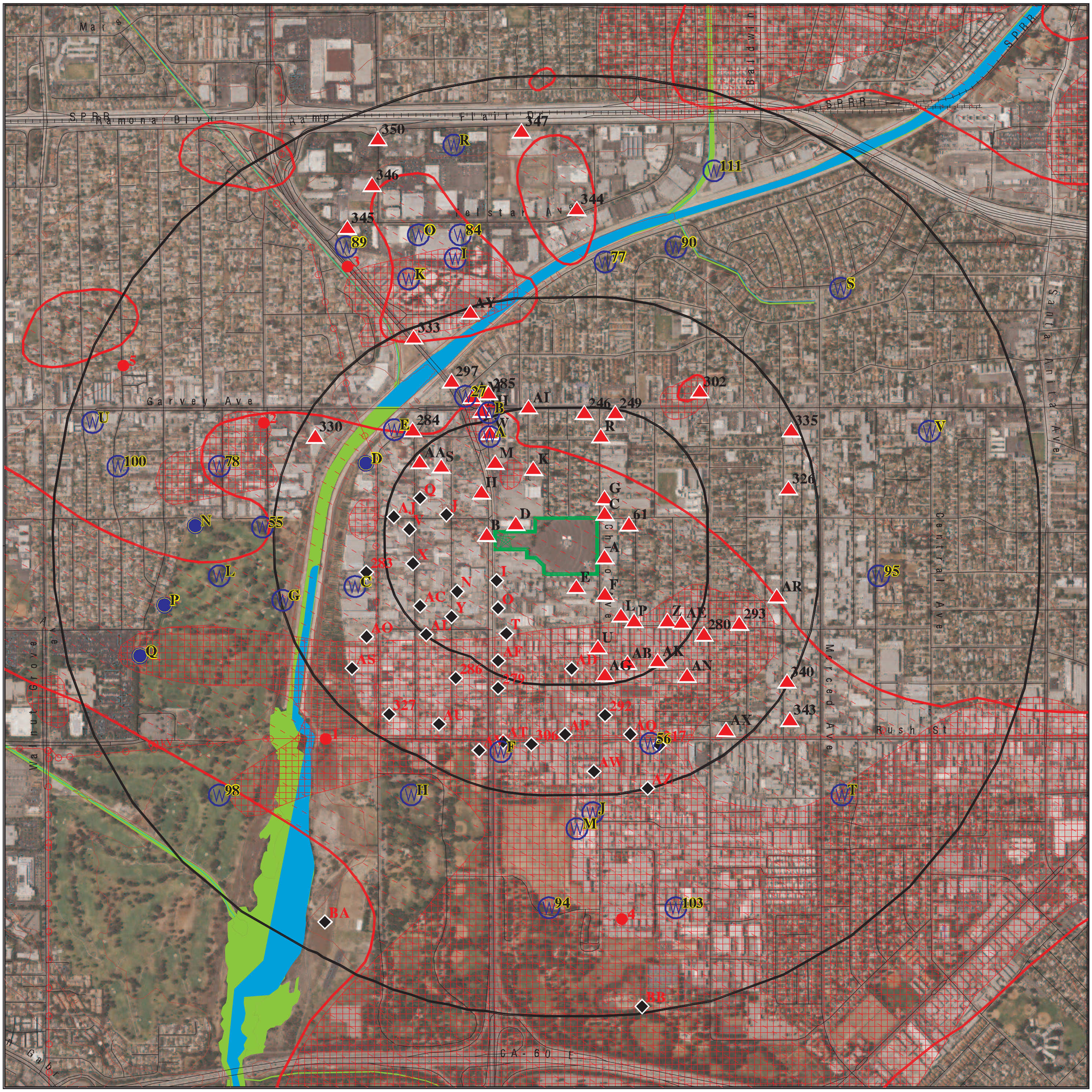
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELDON DRAPERY CLEANE	2461 CHICO AVE	ESE 0 - 1/8 (0.005 mi.)	A7	53
COIT DRAPERY CLEANER	2411 CHICO AVE	SE 0 - 1/8 (0.105 mi.)	L86	226

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
TED LEVINE DRUM ALPACA / EL POCHE	CPS-SLIC

OVERVIEW MAP - 6596379.2S



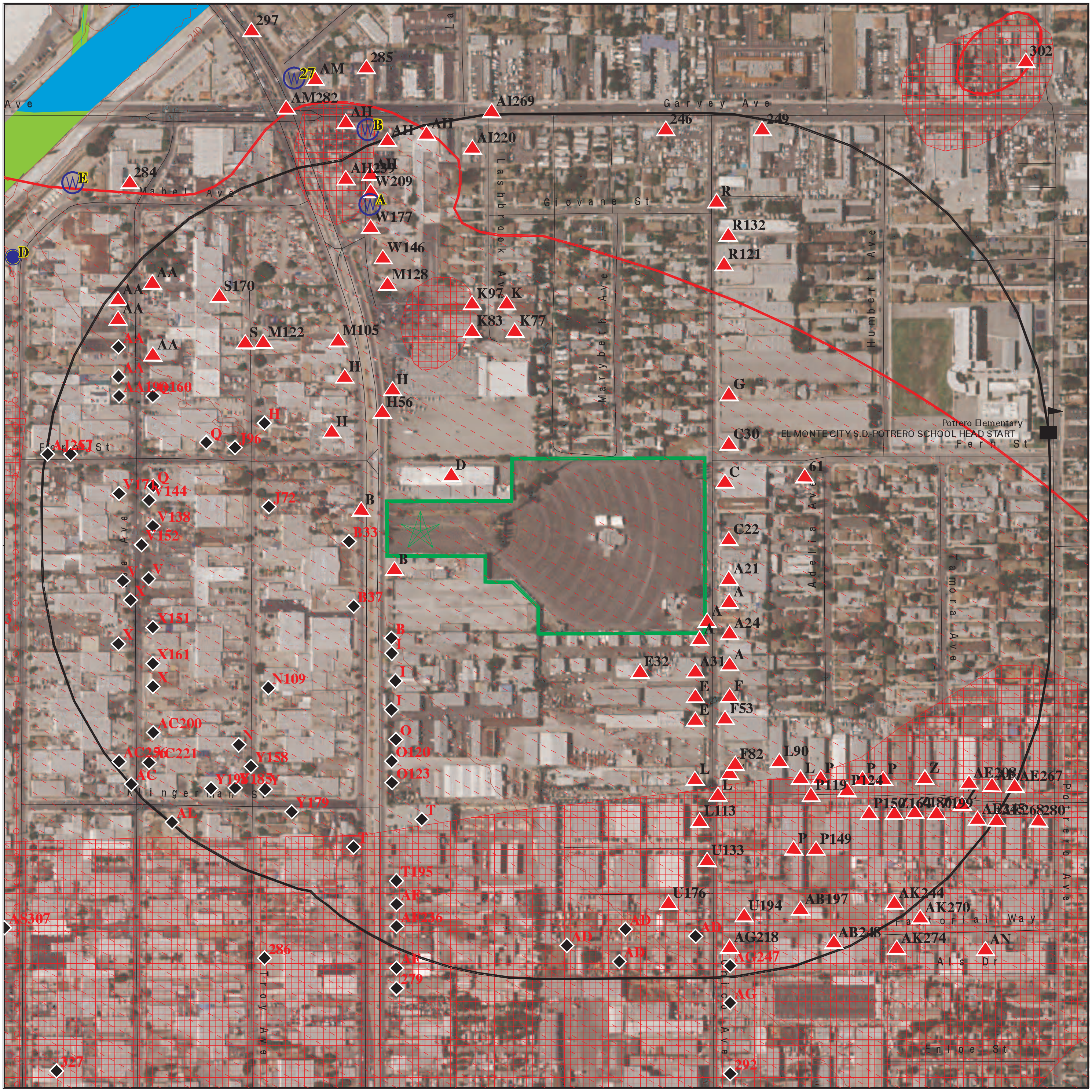
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

0 1/4 1/2 1 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	2540 Rosemead Blvd,	CLIENT:	Stantec
ADDRESS:	2540 Rosemead Blvd,	CONTACT:	Deborah Hernandez
	South El Monte CA 91733	INQUIRY #:	6596379.2s
LAT/LONG:	34.058362 / 118.063705	DATE:	July 28, 2021 1:04 pm

DETAIL MAP - 6596379.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 2540 Rosemead Blvd, ADDRESS: 2540 Rosemead Blvd, South El Monte CA 91733 LAT/LONG: 34.058362 / 118.063705	CLIENT: Stantec CONTACT: Deborah Hernandez INQUIRY #: 6596379.2s DATE: July 28, 2021 1:06 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	1	0	NR	NR	2
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	1	NR	NR	1
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		9	12	NR	NR	NR	21
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	2	NR	2
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	5	8	NR	13
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
LUST	0.500		1	3	23	NR	NR	27

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		10	13	37	NR	NR	60
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	4	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	1	1	NR	NR	2
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
AOCONCERN	1.000		1	0	0	0	NR	1
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		13	18	NR	NR	NR	31
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		4	13	NR	NR	NR	17
HIST UST	0.250		6	20	NR	NR	NR	26
CERS TANKS	0.250		0	3	NR	NR	NR	3
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		13	24	NR	NR	NR	37
FUDS	1.000		0	0	0	2	NR	2
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		1	0	0	0	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		1	0	0	0	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		1	3	17	NR	NR	21
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		2	0	NR	NR	NR	2
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	3	14	NR	NR	18
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	1	0	NR	1
HWT	0.250		1	0	NR	NR	NR	1
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		63	81	NR	NR	NR	144
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	0.500		0	0	1	NR	NR	1
HWTS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	134	202	104	14	0	454

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Areas of Concern NNW < 1/8 446 ft.	**SAN GABRIEL VALLEY BALDWIN PARK, CA**	**AOCONCERN**	**CCA0000001 N/A**

AOC:
Description: San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

NPL Region < 1/8 1 ft.	**SAN GABRIEL VALLEY (AREA 1) PECK RD & REAL EL MONTE, CA 91733**	**NPL SEMS US ENG CONTROLS ROD PRP CONSENT FINDS ECHO**	**1000114959 CAD980677355**

NPL:
EPA Region: 9
EPA ID: CAD980677355
Site ID: 901951
Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
Federal: N
Final Date: 1984-05-08 00:00:00
Latitude: 34.125
Longitude: -118
Site Score: 42.240000000000002

NPL:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
CAS Number: Not reported
Substance: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: U044
CAS Number: 67-66-3
Substance: CHLOROFORM
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U210
CAS Number: 127-18-4
Substance: TETRACHLOROETHENE
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U228
CAS Number: 79-01-6
Substance: TRICHLOROETHYLENE (TCE)
Pathway: GROUND WATER PATHWAY
Scoring: 2

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Summary Details:

Conditions at listing September 1983): San Gabriel Valley Area 1) is a ground water plume that runs along the axis of the Rio Hondo Wash and the Salt Pit Wash in the San Gabriel ground water basin in El Monte, Los Angeles County, California. The plume also parallels the San Gabriel River to the east. It is approximately 4 miles long and 1.5 miles wide. Ground water is contaminated with trichloroethylene TCE), perchloroethylene PCE), and carbon tetrachloride CTC) according to analyses by State agencies and local water companies. Many public wells in this area exceed the EPA Suggested No Adverse Response Levels SNARL) for TCE and PCE. Approximately 200,000 people are affected. Cities and public water companies in the area have tested to ensure that their water supplies contain less than 5 parts per billion ppb) of TCE and 4 ppb PCE, levels considered safe for human consumption. When alternative methods of reducing the TCE and PCE levels below such levels are not effective, wells are removed from service. Currently, three small mutual water companies have no alternate water supply and have advised their customers to use bottled water. Status June 1984): As a result of EPA s analysis of initial remedial measures, completed in December l983, EPA will install water treatment systems to provide clean water to two of the three companies that have no alternate supply. The third company has already purchased a treatment system and will begin operation of the system soon. A supplemental sampling program of contaminated wells will begin soon to get a snapshot view of the degree of contamination. The State Department of Health Services and EPA arepreparing to initiate a remedial investigation/feasibility study to determine the aerial and vertical extent of contamination and to develop alternatives for treatment and management of the problem. EPA continues its investigation to identify sources of contamination. This site, along with the three other San Gabriel Valley sites, was added to the NPL in May 1984 because it involves a serious problem that required taking immediate remedial action.

NPL:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 100 Feet
Category Value:	135
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

NPL:

NPL Name:	SAN GABRIEL VALLEY (AREA 1)

NPL:

EPA Region:	09
Site ID:	0901951
Site Status:	F
Federal Site:	N
Date Deleted:	Not reported
Date Finalized:	05/08/84
Date Proposed:	09/08/83

NPL:

Proposed Date:	09/08/1983
Final Date:	05/08/1984

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Deleted Date: Not reported
NPL Status: Final

SEMS:
Site ID: 0901951
EPA ID: CAD980677355
Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
Address 2: Not reported
City,State,Zip: EL MONTE, CA 91733
Cong District: 28,31,38
FIPS Code: 06037
Latitude: +34.125000
Longitude: -118.000000
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: RA
Action Name: RA
SEQ: 2
Start Date: 2000-09-27 04:00:00
Finish Date: 9/30/2003 4:00:00 AM
Qual: IR
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 2
Start Date: 1991-12-27 05:00:00
Finish Date: 12/27/1991 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 04

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Action Code: CO
Action Name: RI/FS
SEQ: 4
Start Date: 1987-04-01 05:00:00
Finish Date: 9/29/1988 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: CO
Action Name: RI/FS
SEQ: 5
Start Date: 1987-04-01 05:00:00
Finish Date: 3/31/1993 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-04-01 05:00:00
Finish Date: 4/1/1980 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 2
Start Date: 2000-09-28 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	1
Start Date:	2006-09-28 04:00:00
Finish Date:	9/28/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1983-09-01 04:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	02
Action Code:	OF
Action Name:	O AND F
SEQ:	1
Start Date:	2003-05-16 04:00:00
Finish Date:	5/16/2003 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	02
Action Code:	LR
Action Name:	LT RESP
SEQ:	2
Start Date:	2003-05-16 04:00:00
Finish Date:	5/16/2013 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2011-09-14 04:00:00
Finish Date: 9/14/2011 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: RA
Action Name: RA
SEQ: 1
Start Date: 1988-05-25 04:00:00
Finish Date: 3/29/1989 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 3
Start Date: 2006-06-21 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 4
Start Date: 2012-09-26 05:00:00
Finish Date: 9/11/2013 5:00:00 AM
Qual: Not reported

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 3
Start Date: 2015-10-07 05:00:00
Finish Date: 9/30/2016 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 05
Action Code: RA
Action Name: RA
SEQ: 3
Start Date: 2008-08-07 05:00:00
Finish Date: 8/16/2013 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 04
Action Code: AR
Action Name: ADMIN REC
SEQ: 3
Start Date: 1991-06-25 04:00:00
Finish Date: 6/25/1991 4:00:00 AM
Qual: E
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: CO
Action Name: RI/FS
SEQ: 6

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Start Date: 1997-03-27 05:00:00
Finish Date: 11/10/1999 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 2
Start Date: 1983-03-01 05:00:00
Finish Date: 9/1/1983 4:00:00 AM
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1984-05-01 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1993-08-25 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1983-09-08 04:00:00
Finish Date: 9/8/1983 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: JF
Action Name: ECO RISK
SEQ: 1
Start Date: 1992-09-16 04:00:00
Finish Date: 9/16/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: GM
Action Name: GWTRMON
SEQ: 1
Start Date: 1993-04-28 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1990-09-19 04:00:00
Finish Date: 9/19/1990 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

NPL:	F
FF:	N
OU:	05
Action Code:	RO
Action Name:	ROD
SEQ:	6
Start Date:	2000-09-29 04:00:00
Finish Date:	9/29/2000 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	02
Action Code:	RD
Action Name:	RD
SEQ:	5
Start Date:	2012-08-12 04:00:00
Finish Date:	7/1/2013 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	02
Action Code:	RA
Action Name:	RA
SEQ:	4
Start Date:	2013-07-01 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1988-01-12 05:00:00
Finish Date:	3/31/2006 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 2
Start Date: 1989-03-02 05:00:00
Finish Date: Not reported
Qual: E
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1983-09-01 04:00:00
Finish Date: 9/1/1983 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: TA
Action Name: TECH ASSIST
SEQ: 1
Start Date: 1989-09-15 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: 1984-05-11 05:00:00
Finish Date: 5/11/1984 5:00:00 AM
Qual: Not reported

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	04
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	1988-09-29 04:00:00
Finish Date:	9/29/1988 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	02
Action Code:	RD
Action Name:	RD
SEQ:	4
Start Date:	1999-04-05 04:00:00
Finish Date:	3/29/2002 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	04
Action Code:	RD
Action Name:	RD
SEQ:	3
Start Date:	1988-09-14 04:00:00
Finish Date:	7/18/1991 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	01
Action Code:	ED
Action Name:	R/H ASMT
SEQ:	1

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Start Date:	1992-09-16 04:00:00
Finish Date:	9/16/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1984-05-08 05:00:00
Finish Date:	5/8/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	03
Action Code:	CO
Action Name:	RI/FS
SEQ:	1
Start Date:	1983-06-13 04:00:00
Finish Date:	5/11/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	4
Start Date:	1993-03-31 05:00:00
Finish Date:	3/31/1993 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901951
EPA ID:	CAD980677355
Site Name:	SAN GABRIEL VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	01

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Action Code: RO
Action Name: ROD
SEQ: 5
Start Date: 1999-06-23 04:00:00
Finish Date: 6/23/1999 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: RD
Action Name: RD
SEQ: 1
Start Date: 1985-09-30 05:00:00
Finish Date: 2/4/1988 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 04
Action Code: RD
Action Name: RD
SEQ: 2
Start Date: 1988-09-14 04:00:00
Finish Date: 6/13/1991 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 05
Action Code: GM
Action Name: GWTRMON
SEQ: 2
Start Date: 2000-09-29 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

NPL: F
FF: N
OU: 05
Action Code: LR
Action Name: LT RESP
SEQ: 3
Start Date: 2013-05-10 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 05
Action Code: RI
Action Name: RI
SEQ: 1
Start Date: 2010-07-14 05:00:00
Finish Date: 11/1/2019 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 5
Start Date: 2020-11-24 06:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 4
Start Date: 2011-12-22 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 5
Start Date: 2011-12-22 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 6
Start Date: 2012-12-13 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 05
Action Code: CO
Action Name: RI/FS
SEQ: 10
Start Date: 2016-02-25 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 08
Action Code: FM
Action Name: FPA/MA
SEQ: 1
Start Date: 2020-02-13 06:00:00
Finish Date: Not reported
Qual: Not reported

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 4
Start Date: 2010-10-07 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 07
Action Code: TA
Action Name: TECH ASSIST
SEQ: 2
Start Date: 2019-08-01 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 05
Action Code: BE
Action Name: PRP RD
SEQ: 2
Start Date: 2003-09-22 04:00:00
Finish Date: 8/16/2013 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 08
Action Code: BE
Action Name: PRP RD
SEQ: 3

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Start Date: 2003-11-14 05:00:00
Finish Date: 5/13/2008 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 09
Action Code: BE
Action Name: PRP RD
SEQ: 4
Start Date: 2003-11-14 05:00:00
Finish Date: 2/9/2010 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 08
Action Code: BE
Action Name: PRP RD
SEQ: 7
Start Date: 2003-11-14 05:00:00
Finish Date: 9/22/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: BE
Action Name: PRP RD
SEQ: 1
Start Date: 2003-11-14 05:00:00
Finish Date: 4/28/2005 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 01

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Action Code: BD
Action Name: PRP RI/FS
SEQ: 1
Start Date: 1995-03-16 05:00:00
Finish Date: 6/23/1999 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 05
Action Code: BD
Action Name: PRP RI/FS
SEQ: 2
Start Date: 1995-07-25 04:00:00
Finish Date: 9/29/2000 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 08
Action Code: BF
Action Name: PRP RA
SEQ: 1
Start Date: 2008-05-13 04:00:00
Finish Date: 2/19/2020 6:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 08
Action Code: BF
Action Name: PRP RA
SEQ: 6
Start Date: 2010-09-22 04:00:00
Finish Date: 2/19/2020 6:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

NPL: F
FF: N
OU: 08
Action Code: ME
Action Name: PRP LR
SEQ: 1
Start Date: 2016-11-08 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 09
Action Code: ME
Action Name: PRP LR
SEQ: 2
Start Date: 2016-11-08 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 2013-05-16 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 2
Start Date: 2006-09-18 04:00:00
Finish Date: 6/30/2010 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 3
Start Date: 2006-09-18 04:00:00
Finish Date: 6/30/2010 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: CO
Action Name: RI/FS
SEQ: 3
Start Date: 1985-09-30 05:00:00
Finish Date: 9/30/1990 4:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: LR
Action Name: LT RESP
SEQ: 1
Start Date: 1990-04-16 04:00:00
Finish Date: 5/25/1998 4:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1983-03-01 05:00:00
Finish Date: 9/1/1983 4:00:00 AM
Qual: H

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Current Action Lead: St Perf

SIte:
Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
Address 2: Not reported
City,State,Zip: EL MONTE, CA 91733
Event Code: Not reported
Action Taken Date: 11/10/2005
EPA ID: CAD980677355
Action Name: Explanation of Significant Differences
Action ID: 2
Operable Unit: 05
Contaminated Media: Groundwater
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2006
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

Media:
EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 02
Action Name: ROD Amendment
Action Taken Date: 11/10/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2000
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Explanation of Significant Differences
Action Taken Date: 08/22/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Explanation of Significant Differences
Action Taken Date: 08/22/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Explanation of Significant Differences
Action Taken Date: 08/22/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 2
Operable Unit: 05
Action Name: Explanation of Significant Differences
Action Taken Date: 11/10/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2006
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 2

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Operable Unit: 05
Action Name: Explanation of Significant Differences
Action Taken Date: 11/10/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2006
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 04
Action Name: ROD Amendment
Action Taken Date: 09/22/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 04
Action Name: ROD Amendment
Action Taken Date: 09/22/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 04
Action Name: ROD Amendment
Action Taken Date: 09/22/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Event:	Not reported
Federal Facility:	N
Fiscal Year:	1993
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+34.125000
Longitude:	-118.000000

EPA ID:	CAD980677355
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	04
Action Name:	ROD Amendment
Action Taken Date:	09/22/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1993
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+34.125000
Longitude:	-118.000000

EPA ID:	CAD980677355
Contaminated Media:	Groundwater
Action ID:	2
Operable Unit:	03
Action Name:	ROD Amendment
Action Taken Date:	09/30/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+34.125000
Longitude:	-118.000000

EPA ID:	CAD980677355
Contaminated Media:	Groundwater
Action ID:	3
Operable Unit:	02
Action Name:	ROD Amendment
Action Taken Date:	11/10/1999
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2000
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+34.125000

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 02
Action Name: ROD Amendment
Action Taken Date: 11/10/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2000
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 02
Action Name: ROD Amendment
Action Taken Date: 11/10/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2000
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 02
Action Name: ROD Amendment
Action Taken Date: 11/10/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2000
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 03

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Action Name: Record of Decision
Action Taken Date: 05/11/1984
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1984
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 05/11/1984
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1984
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 05/11/1984
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1984
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 04
Action Name: Record of Decision
Action Taken Date: 09/29/1988
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Federal Facility: N
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 04
Action Name: Record of Decision
Action Taken Date: 09/29/1988
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 04
Action Name: Record of Decision
Action Taken Date: 09/29/1988
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 04
Action Name: Record of Decision
Action Taken Date: 09/29/1988
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 4
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 03/31/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 5
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/23/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1999
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 5
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/23/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1999
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 5
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/23/1999

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1999
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 5
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/23/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1999
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 5
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/23/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1999
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 5
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/23/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1999

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 5
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/23/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1999
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 6
Operable Unit: 05
Action Name: Record of Decision
Action Taken Date: 09/29/2000
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2000
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

EPA ID: CAD980677355
Contaminated Media: Groundwater
Action ID: 6
Operable Unit: 05
Action Name: Record of Decision
Action Taken Date: 09/29/2000
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2000
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.125000
Longitude: -118.000000

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

ROD:

Name:	SAN GABRIEL VALLEY (AREA 1)
Address:	PECK RD & REAL
City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAD980677355
RG:	9
Site ID:	901951
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	RICHWOOD WATER COMPANY
SEQ ID:	1
Action Completion:	1984-05-11 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	SAN GABRIEL VALLEY (AREA 1)
Address:	PECK RD & REAL
City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAD980677355
RG:	9
Site ID:	901951
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	SUBURBAN
SEQ ID:	3
Action Completion:	1988-09-29 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	SAN GABRIEL VALLEY (AREA 1)
Address:	PECK RD & REAL
City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAD980677355
RG:	9
Site ID:	901951
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	WHITTIER-NARROWS
SEQ ID:	4
Action Completion:	1993-03-31 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	SAN GABRIEL VALLEY (AREA 1)
Address:	PECK RD & REAL
City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAD980677355
RG:	9
Site ID:	901951
Action:	GOVT ESD
Operable Unit Number:	EL MONTE
SEQ ID:	1
Action Completion:	2002-08-22 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	SAN GABRIEL VALLEY (AREA 1)
Address:	PECK RD & REAL
City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAD980677355

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

RG: 9
Site ID: 901951
Action: GOVT ESD
Operable Unit Number: SOUTH EL MONTE
SEQ ID: 2
Action Completion: 2005-11-10 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD Amendment
Operable Unit Number: SUBURBAN
SEQ ID: 1
Action Completion: 1993-09-22 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD Amendment
Operable Unit Number: RICHWOOD WATER COMPANY
SEQ ID: 2
Action Completion: 1987-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD Amendment
Operable Unit Number: WHITTIER-NARROWS
SEQ ID: 3
Action Completion: 1999-11-10 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD for PRP Remedy
Operable Unit Number: EL MONTE
SEQ ID: 5

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Action Completion: 1999-06-23 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD for PRP Remedy
Operable Unit Number: SOUTH EL MONTE
SEQ ID: 6
Action Completion: 2000-09-29 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:
PRP Name:
A & A SCREW PRODUCTS
A & B BUS COMPANY
A & J SYSTEMS
A & L MOTOR PARTS, INC.
A&E PLASTICS CO.
A-1 ORNAMENTAL IRON
ABERCROMBIE, DEANNA
ACORN ENGINEERING CO.
ACROMIL
ADAMS AND CAMPBELL COMPANY LTD.
ADAMS AND COLTRIN, INC.
ADAMS FAMILY TRUST
ADVANCED HEAT TECHNOLOGY CORP.
AEROJET ELECTROSYSTEMS
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROSOL SERVICES COMPANY
AIR DISTRIBUTION PRODUCTS, INC.
AIR DISTRIBUTION PRODUCTS, INC.

Click this hyperlink while viewing on your computer to access
482 additional PRP: record(s) in the EDR Site Report.

CONSENT:
EPA ID: CAD980677355
Site ID: Not reported
Case Title: Not reported
Court Num: Not reported
District: Not reported
Entered Date: Not reported
Name: IN THE MATTER OF: SAN GABRIEL VALLEY SUPERFUND SI
Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
County: LOS ANGELES

FINDS:
Registry ID: 110009329538

SAN GABRIEL VALLEY (AREA 1) (Continued) **1000114959**

Click Here:

Environmental Interest/Information System:
SUPERFUND NPL
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000114959
Registry ID:	110009329538
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009329538
Name:	SAN GABRIEL VALLEY (AREA 1)
Address:	PECK RD & REAL
City,State,Zip:	EL MONTE, CA 91733

A1 **GENERAL ENAMELING CO#** **RCRA-SQG** **1000213822**
ESE **2461 1/2 N CHICO** **HAZNET** **CAD008338287**
< 1/8 **SOUTH EL MONTE, CA 91733** **HWTS**
0.002 mi.
8 ft. **Site 1 of 23 in cluster A**

Relative: Higher
Actual: 245 ft.

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	GENERAL ENAMELING CO#
Handler Address:	2461 1/2 N CHICO
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD008338287
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3

GENERAL ENAMELING CO# (Continued) **1000213822**

Mailing Address:	2461 1/2 N CHICO
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:23:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

GENERAL ENAMELING CO# (Continued) **1000213822**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JULES J REID SR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1996-09-01 00:00:00.0
Handler Name: GENERAL ENAMELING CO#
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-20 00:00:00.0
Handler Name: GENERAL ENAMELING CO#
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

GENERAL ENAMELING CO# (Continued) **1000213822**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 33991
NAICS Description: JEWELRY AND SILVERWARE MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1994-02-10 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

GENERAL ENAMELING CO# (Continued) **1000213822**

Request Agency: Not reported
Former Citation: Not reported

HAZNET:

Name: GENERAL ENAMELING CO#
Address: 2461 1/2 N CHICO
Address 2: Not reported
City,State,Zip: SO EL MONTE, CA 917330000
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 2461 1/2 CHICO AVE # N

Year: 1995
Gepaid: CAD008338287
TSD EPA ID: CAT080022148
CA Waste Code: 351 - Organic solids with halogens
Disposal Method: H01 - Transfer Station
Tons: 0.2

Year: 1990
Gepaid: CAD008338287
TSD EPA ID: CAD070215355
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: R01 - Recycler
Tons: 0.2

Year: 1990
Gepaid: CAD008338287
TSD EPA ID: CAD070215355
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: 01 -
Tons: 0

Year: 1989
Gepaid: CAD008338287
TSD EPA ID: CAD070215355
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 0.4

Year: 1988
Gepaid: CAD008338287
TSD EPA ID: CAD042245001
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2293

Year: 1988
Gepaid: CAD008338287
TSD EPA ID: CAD070215355
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 0.2

GENERAL ENAMELING CO# (Continued) **1000213822**

Year: 1987
Gepaid: CAD008338287
TSD EPA ID: CAD042245001
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.2085

Additional Info:
Year: 1995
Gen EPA ID: CAD008338287

Shipment Date: 19951031
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951106
Manifest ID: 95590273
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080022148
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 351 - Organic solids with halogens
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: GENERAL ENAMELING CO#
Address: 2461 1/2 N CHICO
Address 2: Not reported
City,State,Zip: SO EL MONTE, CA 917330000
EPA ID: CAD008338287
Inactive Date: 06/30/1998
Create Date: 07/23/1982
Last Act Date: 09/14/2004
Mailing Name: Not reported
Mailing Address: 2461 1/2 CHICO AVE # N
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917331612
Owner Name: JULES J REID SR
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: --
Contact Address: INACT PER 98VQ FINAL NOTICE
Contact Address 2: - BATCH 4/27

GENERAL ENAMELING CO# (Continued) **1000213822**

City,State,Zip: --, 99 --

A2	**C K M**	**WIP**	**S105086260**
ESE	**2465 CHICO AVE**		**N/A**
< 1/8	**SOUTH EL MONTE, CA 91733**		
0.002 mi.			
10 ft.	**Site 2 of 23 in cluster A**		

Relative: Higher

Actual: 245 ft.

WIP:

Name: C K M
Address: 2465 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0675
File Status: **Historical**
Staff: UNIDENTIFIED
Facility Suite: Not reported

A3	**CEMCO**	**WIP**	**S107257117**
ESE	**2465 CHICO AVE**		**N/A**
< 1/8	**SOUTH EL MONTE, CA 91733**		
0.002 mi.			
10 ft.	**Site 3 of 23 in cluster A**		

Relative: Higher

Actual: 245 ft.

WIP:

Name: CEMCO
Address: 2465 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2180
File Status: **Historical**
Staff: CCC
Facility Suite: 1/2

A4	**GENERAL ENAMELING COMPANY**	**WIP**	**S106484636**
ESE	**2463 CHICO AVE**		**N/A**
< 1/8	**SOUTH EL MONTE, CA 91733**		
0.003 mi.			
18 ft.	**Site 4 of 23 in cluster A**		

Relative: Higher

Actual: 245 ft.

WIP:

Name: GENERAL ENAMELING COMPANY
Address: 2463 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2174
File Status: **Active**
Staff: REHE
Facility Suite: Not reported

A5 **ESE** **< 1/8** **0.003 mi.** **18 ft.**	**PAUL PACIFIC PLUMBING** **2463 CHICO AVE** **SOUTH EL MONTE, CA 91733** **Site 5 of 23 in cluster A**	**CPS-SLIC** **WIP** **CERS**	**S106766187** **N/A**

Relative: **Higher**

Actual: **245 ft.**

CPS-SLIC:

Name:	GENERAL ENAMELING COMPANY
Address:	2463 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/12/2015
Global Id:	SL603798827
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.057385
Longitude:	-118.061213
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.2174
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	PAUL PACIFIC PLUMBING
Address:	2463 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.2172
File Status:	**Historical**
Staff:	BPONEK
Facility Suite:	1/2

CERS:

Name:	GENERAL ENAMELING COMPANY
Address:	2463 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	191647
CERS ID:	SL603798827
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A6 **ESE** **< 1/8** **0.005 mi.** **25 ft.**	**ELDON DRAPERY CLEANERS** **2461 CHICO AVE** **SOUTH EL MONTE, CA 91733** **Site 6 of 23 in cluster A**	**CPS-SLIC** **DRYCLEANERS** **WIP** **HWTS**	**S105030847** **N/A**

Relative: **Higher**

Actual: **245 ft.**

CPS-SLIC:

Name:	GENERAL ENAMELING CO.
Address:	2461 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/06/1995
Global Id:	T10000016140
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.05709
Longitude:	-118.06118
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	107.0154
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

DRYCLEANERS:

Name:	ELDON DRAPERY CLEANERS
Address:	2461 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 917330000
EPA Id:	CAL000220554
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	06/08/2001
Facility Active:	No
Inactive Date:	06/30/2002
Facility Addr2:	Not reported
Owner Name:	SAMANTHA TAI
Owner Address:	2461 CHICO AVE
Owner Address 2:	Not reported
Owner Telephone:	6264446655
Contact Name:	CHARLENE ELKINS-MGR
Contact Address:	2461 CHICO AVE
Contact Address 2:	Not reported
Contact Telephone:	6264446655
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	2461 CHICO AVE
Mailing Address 2:	Not reported
Mailing City:	SOUTH EL MONTE
Mailing State:	CA
Mailing Zip:	917330000
Owner Fax:	Not reported
Region Code:	3

ELDON DRAPERY CLEANERS (Continued) **S105030847**

Latitude: 34.057439
Longitude: -118.06005

WIP:

Name: GENERAL ENAMELING CO.
Address: 2461 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0154
File Status: Historical
Staff: GMM
Facility Suite: Not reported

Name: I.G. WELDING
Address: 2461 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1398
File Status: Historical
Staff: PAR
Facility Suite: Not reported

HWTS:

Name: ELDON DRAPERY CLEANERS
Address: 2461 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAL000220554
Inactive Date: 06/30/2002
Create Date: 06/08/2001
Last Act Date: 04/24/2003
Mailing Name: Not reported
Mailing Address: 2461 CHICO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330000
Owner Name: SAMANTHA TAI
Owner Address: 2461 CHICO AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact Name: CHARLENE ELKINS-MGR
Contact Address: 2461 CHICO AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000

NAICS:

EPA ID: CAL000220554
Create Date: 2002-03-14 16:36:29.000
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date: 2001-06-08 00:00:00
Inactive Date: 2002-06-30 00:00:00
Facility Name: ELDON DRAPERY CLEANERS
Facility Address: 2461 CHICO AVE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: Not reported
Facility State: CA

ELDON DRAPERY CLEANERS (Continued) **S105030847**

Facility Zip: 917330000

A7 **ELDON DRAPERY CLEANERS** **EDR Hist Cleaner** **1018587025**
ESE **2461 CHICO AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.005 mi.
25 ft. **Site 7 of 23 in cluster A**

Relative: Higher
Actual: 245 ft.

EDR Hist Cleaner

Year:	Name:	Type:
2001	SEARS ROEBUCK AND CO INC	Drycleaning Plants, Except Rugs, NEC
2002	ELDON DRAPERY CARPET UPHOLSTER	Drycleaning Plants, Except Rugs
2002	SEARS ROEBUCK AND CO INC	Drycleaning Plants, Except Rugs, NEC
2003	SEARS ROEBUCK AND CO INC	Drycleaning Plants, Except Rugs, NEC
2003	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	SEARS ROEBUCK AND CO INC	Drycleaning Plants, Except Rugs, NEC
2005	SEARS ROEBUCK AND CO	Drycleaning Plants, Except Rugs, NEC
2005	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2006	SEARS ROEBUCK AND CO	Drycleaning Plants, Except Rugs, NEC
2006	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2007	SEARS ROEBUCK AND CO	Drycleaning Plants, Except Rugs, NEC
2007	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2008	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2008	SEARS ROEBUCK AND CO	Drycleaning Plants, Except Rugs, NEC
2009	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2010	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2011	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2012	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2013	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2014	ELDON DRAPERY CLEANERS	Drycleaning Plants, Except Rugs, NEC

A8 **K. L. ENTERPRISES** **WIP** **S106766186**
ESE **2459 CHICO AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.006 mi.
33 ft. **Site 8 of 23 in cluster A**

Relative: Higher
Actual: 245 ft.

WIP:

Name: K. L. ENTERPRISES
Address: 2459 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2171
File Status: **Historical**
Staff: GMM
Facility Suite: Not reported

A9 **ESE** **< 1/8** **0.006 mi.** **33 ft.**

COUNTRY OAK MANUFACTURING INC.
2459 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 9 of 23 in cluster A

HAZNET **HWT** **WIP** — **S106765503** **N/A**

Relative: **Higher**
Actual: **245 ft.**

HAZNET:

Name:	SENSITIVE ENVIRONMENT
Address:	2459 1/2 CHICO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact:	NORMA PAEZ
Telephone:	6264444766
Mailing Name:	Not reported
Mailing Address:	2459 1/2 CHICO AVE
Year:	2019
Gepaid:	CAL000405201
TSD EPA ID:	CAD009007626
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	110.40000

HWT:

Name:	SENSITIVE ENVIRONMENT
Address:	2459 1/2 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Reg Num:	6358
Expiration Date:	07/31/2021

WIP:

Name:	COUNTRY OAK MANUFACTURING INC.
Address:	2459 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0774
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

A10 **ESE** **< 1/8** **0.006 mi.** **33 ft.**

IDEAL FUMAGATION
2459 CHICO AVE
S EL MONTE, CA 91733

Site 10 of 23 in cluster A

CERS HAZ WASTE **CERS** **HWTS** — **S124842302** **N/A**

Relative: **Higher**
Actual: **245 ft.**

CERS HAZ WASTE:

Name:	SENSITIVE ENVIRONMENTAL INC
Address:	2459 1/2 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	573257
CERS ID:	10867378
CERS Description:	Hazardous Waste Generator

CERS:

Name:	SENSITIVE ENVIRONMENTAL INC

IDEAL FUMAGATION (Continued) **S124842302**

Address: 2459 1/2 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 573257
CERS ID: 10867378
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 573257
Site Name: Sensitive Environmental Inc
Violation Date: 03-05-2021
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 03/05/2021. OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency. (Corrected during inspection.)
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Tania Bonchonsky, office coordinator
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2459 1/2 Chico Avenue
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Tania Bonchonsky

IDEAL FUMAGATION (Continued) **S124842302**

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Tania Bonchonsky
Entity Title: Office Coordinator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Operator
Entity Name: Sensitive Environmental Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 444-4766

Affiliation Type Desc: Parent Corporation
Entity Name: Sensitive Environmental Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Tania Bonchonsky
Entity Title: Not reported
Affiliation Address: 2459 1/2 Chico Avenue
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

IDEAL FUMAGATION (Continued) **S124842302**

Affiliation Type Desc:	Legal Owner
Entity Name:	Norma J Paez
Entity Title:	Not reported
Affiliation Address:	2459 1/2 Chico Avenue
Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(310) 612-6406

HWTS:

Name:	IDEAL FUMAGATION
Address:	2459 CHICO AVE
Address 2:	Not reported
City,State,Zip:	S EL MONTE, CA 91733
EPA ID:	CAL000266581
Inactive Date:	06/30/2003
Create Date:	02/19/2003
Last Act Date:	04/19/2004
Mailing Name:	Not reported
Mailing Address:	2459 CHICO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	S EL MONTE, CA 91733
Owner Name:	JUAN TEJEDA
Owner Address:	2459 CHICO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	S EL MONTE, CA 91733
Contact Name:	JO MEJIA
Contact Address:	2459 CHICO AVE
Contact Address 2:	Not reported
City,State,Zip:	S EL MONTE, CA 91733

NAICS:

EPA ID:	CAL000266581
Create Date:	2003-02-19 13:40:03.950
NAICS Code:	56171
NAICS Description:	Exterminating and Pest Control Services
Issued EPA ID Date:	2003-02-19 13:40:03.89000
Inactive Date:	2003-06-30 00:00:00
Facility Name:	IDEAL FUMAGATION
Facility Address:	2459 CHICO AVE
Facility Address 2:	Not reported
Facility City:	S EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91733

A11
ESE
< 1/8
0.006 mi.
33 ft.

SMITH INDUSTRIAL TIRES, INC.
2459 CHICO AVE
SOUTH EL MONTE, CA 91733

WIP **S106765787** **N/A**

Site 11 of 23 in cluster A

Relative: **Higher**
Actual: **245 ft.**

WIP:

Name:	SMITH INDUSTRIAL TIRES, INC.
Address:	2459 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1228
File Status:	**Historical**
Staff:	PAR
Facility Suite:	1/2

A12
ESE
< 1/8
0.006 mi.
33 ft.

SENSITIVE ENVIRONMENT
2459 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733

RCRA NonGen / NLR **1024849045** **CAL000405201**

Site 12 of 23 in cluster A

Relative: **Higher**
Actual: **245 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2015-03-13 00:00:00.0
Handler Name:	SENSITIVE ENVIRONMENT
Handler Address:	2459 1/2 CHICO AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAL000405201
Contact Name:	JORGE ALVARADO
Contact Address:	2459 1/2 CHICO AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-444-4564
Contact Fax:	626-444-4598
Contact Email:	SENSITIVEENVIRONMENT@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2459 1/2 CHICO AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	NORMA JEAN PAEZ
Owner Type:	Other
Operator Name:	JORGE ALVARADO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

SENSITIVE ENVIRONMENT (Continued) **1024849045**

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-12-20 13:52:54.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JORGE ALVARADO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2459 1/2 CHICO AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-444-4564
Owner/Operator Telephone Ext:	Not reported

SENSITIVE ENVIRONMENT (Continued) **1024849045**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NORMA JEAN PAEZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2459 1/2 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-444-4564
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2015-03-13 00:00:00.0
Handler Name: SENSITIVE ENVIRONMENT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A13
ESE
< 1/8
0.008 mi.
40 ft.

JJ FURNITURE CO.
2457 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 13 of 23 in cluster A

WIP **S106766041**
N/A

Relative:
Higher
Actual:
245 ft.

WIP:
Name: JJ FURNITURE CO.
Address: 2457 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1616
File Status: **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

A14 **TOOL & DIE WELDING CO.** **WIP** **S106766036**
ESE **2457 CHICO AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.008 mi.
40 ft. **Site 14 of 23 in cluster A**

Relative: Higher
Actual: 245 ft.

WIP:

Name:	TOOL & DIE WELDING CO.
Address:	2457 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1611
File Status:	**Historical**
Staff:	DRASMUSS
Facility Suite:	1/2

A15 **T&T FABRICATING** **WIP** **S106765843**
ESE **2457 CHICO AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.008 mi.
40 ft. **Site 15 of 23 in cluster A**

Relative: Higher
Actual: 245 ft.

WIP:

Name:	T&T FABRICATING
Address:	2457 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1315
File Status:	**Historical**
Staff:	PAR
Facility Suite:	3/4

B16 **SUNSET LADDER CO** **HIST UST** **U001569501**
SSW **2526 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.009 mi.
46 ft. **Site 1 of 8 in cluster B**

Relative: Higher
Actual: 241 ft.

HIST UST:

Name:	SUNSET LADDER CO
Address:	2526 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000041161
Facility Type:	Other
Other Type:	GAS TANK
Contact Name:	BRAD BECNEL
Telephone:	8185754626
Owner Name:	JACK B. ADAMS
Owner Address:	2526 NO. ROSEMEAD BLVD.
Owner City,St,Zip:	SOUTH EL MONTE, CA 91733
Total Tanks:	0001

Tank Num:	001
Container Num:	1
Year Installed:	1980

SUNSET LADDER CO (Continued) **U001569501**

Tank Capacity: 00009970
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual

B17
SSW
< 1/8
0.009 mi.
46 ft.

SUNSET LADDER CO
2526 NO ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

SWEEPS UST
HIST UST
LOS ANGELES CO. HMS
WIP

S102058838
N/A

Site 2 of 8 in cluster B

Relative:
Higher

Actual:
241 ft.

SWEEPS UST:
Name: JACK B. ADAMS
Address: 2526 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 9157
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: SUNSET LADDER CO
Address: 2526 NO ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 000270A2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000270A2.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported

SUNSET LADDER CO (Continued) **S102058838**

Leak Detection: Not reported

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:
Name: JACK B ADAMS
Address: 2526 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009354-009157
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000140T
Permit Status: Removed

WIP:
Name: SUNSET LADDER CO.
Address: 2526 N Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0351
File Status: Historical
Staff: KELLIOTT
Facility Suite: Not reported

C18
East
< 1/8
0.015 mi.
77 ft.

ABS AUTO BODY REPAIR & PAINT
2570 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 1 of 4 in cluster C

CERS HAZ WASTE
HAZNET
CERS
HWTS

S113156372
N/A

Relative: Higher
Actual: 246 ft.

CERS HAZ WASTE:
Name: ABS AUTO BODY REPAIR & PAINT
Address: 2570 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 2690
CERS ID: 10285690
CERS Description: Hazardous Waste Generator

HAZNET:
Name: ABS AUTO BODY REPAIR & PAINT
Address: 2570 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331615
Contact: KEVIN DU HUANG
Telephone: 6262796485
Mailing Name: Not reported
Mailing Address: 2570 CHICO AVE

Year: 2019
Gepaid: CAL000344053
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

Tons: 0.42480

Year: 2018
Gepaid: CAL000344053
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.37800

Year: 2017
Gepaid: CAL000344053
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.036

Year: 2016
Gepaid: CAL000344053
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.055

Year: 2016
Gepaid: CAL000344053
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.3024

Year: 2013
Gepaid: CAL000344053
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.09174

Year: 2011
Gepaid: CAL000344053
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1251

Year: 2010
Gepaid: CAL000344053
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.1548

Year: 2010
Gepaid: CAL000344053
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

Tons: 0.0432

Year: 2010
Gepaid: CAL000344053
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0834

Click this hyperlink while viewing on your computer to access
additional CA HAZNET: detail in the EDR Site Report.

Additional Info:
Year: 2017
Gen EPA ID: CAL000344053

Shipment Date: 20171208
Creation Date: 12/5/2018 18:30:10
Receipt Date: 20171211
Manifest ID: 017891962JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.036
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170724
Creation Date: 12/1/2018 18:30:20
Receipt Date: 20170724
Manifest ID: 017003172JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1908

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

Waste Quantity: 53
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170512
Creation Date: 7/18/2018 18:30:10
Receipt Date: 20170512
Manifest ID: 016996951JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.036
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAL000344053

Shipment Date: 20110801
Creation Date: 1/12/2012 18:30:42
Receipt Date: 20110801
Manifest ID: 008662783JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAL000344053

Shipment Date: 20100322
Creation Date: 12/3/2010 18:30:36
Receipt Date: 20100322
Manifest ID: 006490682JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.1548
Waste Quantity: 43
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100322
Creation Date: 12/3/2010 18:30:36
Receipt Date: 20100322
Manifest ID: 006490684JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0834
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100322
Creation Date: 12/3/2010 18:30:36

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

Receipt Date: 20100322
Manifest ID: 006490682JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0432
Waste Quantity: 12
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAL000344053

Shipment Date: 20130626
Creation Date: 11/27/2013 22:15:18
Receipt Date: 20130626
Manifest ID: 010803991JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.09174
Waste Quantity: 22
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: ABS AUTO BODY REPAIR & PAINT
Address: 2570 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 2690
CERS ID: 10285690

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

CERS Description: Chemical Storage Facilities

Violations:

Site ID: 2690
Site Name: ABS AUTO BODY REPAIR & PAINT
Violation Date: 03-05-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/05/2020. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA within 30 days. On an ongoing basis, electronically submit and certify the business plan annually on or before the annual due date. (CERS updated & submitted during inspection. Corrected.)
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2690
Site Name: ABS AUTO BODY REPAIR & PAINT
Violation Date: 03-26-2013
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Submit HMBP via CERS
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2690
Site Name: ABS AUTO BODY REPAIR & PAINT
Violation Date: 08-03-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/21/2016. OBSERVATION: Hazardous waste (waste paint/thinner and used oil) drums were not properly marked. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

Site ID:	2690
Site Name:	ABS AUTO BODY REPAIR & PAINT
Violation Date:	03-26-2013
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Provide disposal documents for waste solvents, oil and coolants.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	2690
Site Name:	ABS AUTO BODY REPAIR & PAINT
Violation Date:	08-03-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 11/21/2016. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	2690
Site Name:	ABS AUTO BODY REPAIR & PAINT
Violation Date:	03-05-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/05/2020. OBSERVATION: 1x 55 gallon drum of used oil and 1x 55 gallon drum of used antifreeze located in the waste storage was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. (Labels attached during inspection. Corrected.)
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	2690
Site Name:	ABS AUTO BODY REPAIR & PAINT
Violation Date:	08-03-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 11/21/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by April 1, 2016. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2690
Site Name: ABS AUTO BODY REPAIR & PAINT
Violation Date: 08-03-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 11/21/2016. OBSERVATION: Ten empty drums were not properly labeled. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by A Liu, HMS II Consent by A Huyah
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-03-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Charles Banh, Estimator
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-03-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Charles Banh, Estimator
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

Eval Date: 11-21-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittal reviewed; Site Map and Facility Information corrected on site; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-21-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Proper labels applied on all containers; EPA ID activated; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Kevin Du, manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by A Liu, HMS II Consent by A Huyah
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Legal Owner

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

Entity Name: HUANG QUYEN
Entity Title: Not reported
Affiliation Address: 2570 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 279-6485

Affiliation Type Desc: Operator
Entity Name: HUANG QUYEN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 279-6485

Affiliation Type Desc: Document Preparer
Entity Name: HOWARD Y LEE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: ABS AUTO BODY REPAIR & PAINT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: HUANG QUYEN
Entity Title: Not reported
Affiliation Address: 2570 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2570 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733

ABS AUTO BODY REPAIR & PAINT (Continued) **S113156372**

Affiliation Phone: Not reported

HWTS:

Name:	ABS AUTO BODY REPAIR & PAINT
Address:	2570 CHICO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331615
EPA ID:	CAL000344053
Inactive Date:	Not reported
Create Date:	06/18/2009
Last Act Date:	09/14/2020
Mailing Name:	Not reported
Mailing Address:	2570 CHICO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917331615
Owner Name:	HUANG YEN QUYEN
Owner Address:	2570 CHICO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917331615
Contact Name:	KEVIN DU HUANG
Contact Address:	2570 CHICO AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733

NAICS:

EPA ID:	CAL000344053
Create Date:	2009-06-18 11:04:13.450
NAICS Code:	811121
NAICS Description:	Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date:	2009-06-18 11:04:13.43300
Inactive Date:	Not reported
Facility Name:	ABS AUTO BODY REPAIR & PAINT
Facility Address:	2570 CHICO AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917331615

C19 **ABS AUTO BODY REPAIR & PAINT** **RCRA NonGen / NLR** **1025867982**
East **2570 CHICO AVE** **CAL000344053**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.015 mi.
77 ft. **Site 2 of 4 in cluster C**

Relative: Higher
Actual: 246 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2009-06-18 00:00:00.0
Handler Name:	ABS AUTO BODY REPAIR & PAINT
Handler Address:	2570 CHICO AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-1615
EPA ID:	CAL000344053
Contact Name:	KEVIN DU HUANG
Contact Address:	2570 CHICO AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733-1615
Contact Telephone:	626-279-6485
Contact Fax:	626-279-1104

ABS AUTO BODY REPAIR & PAINT (Continued) **1025867982**

Contact Email:	ABSAUTOBODY1@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2570 CHICO AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-1615
Owner Name:	HUANG YEN QUYEN
Owner Type:	Other
Operator Name:	KEVIN DU HUANG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

ABS AUTO BODY REPAIR & PAINT (Continued) **1025867982**

Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2019-09-10 12:40:54.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: HUANG YEN QUYEN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2570 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-1615
Owner/Operator Telephone: 626-279-6485
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KEVIN DU HUANG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2570 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-1615
Owner/Operator Telephone: 626-279-6485
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2009-06-18 00:00:00.0
Handler Name: ABS AUTO BODY REPAIR & PAINT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

ABS AUTO BODY REPAIR & PAINT (Continued) **1025867982**

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A20 **ESE** **< 1/8** **0.015 mi.** **77 ft.**	**AMC FORKLIFT GENERATOR STARTER CO** **2504 CHICO AVE** **SOUTH EL MONTE, CA 91733** **Site 16 of 23 in cluster A**	**RCRA-SQG** **FINDS** **ECHO**	**1000114405** **CAD982323776**

Relative: **Higher**
Actual: **245 ft.**

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	AMC FORKLIFT GENERATOR STARTER CO
Handler Address:	2504 CHICO AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD982323776
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	CHICO AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	SOSA ALFONSO
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

AMC FORKLIFT GENERATOR STARTER CO (Continued) **1000114405**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMC FORKLIFT GENERATOR STARTER CO (Continued) **1000114405**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SOSA ALFONSO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: AMC FORKLIFT GENERATOR STARTER CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002794593

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000114405

AMC FORKLIFT GENERATOR STARTER CO (Continued) **1000114405**

Registry ID: 110002794593
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002794593
Name: AMC FORKLIFT GENERATOR STARTER CO
Address: 2504 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733

A21
East
< 1/8
0.017 mi.
92 ft.

HIGH STRESS CASTING CORP.
2524 CHICO AVE
SOUTH EL MONTE, CA 91733

WIP **S106765670**
N/A

Site 17 of 23 in cluster A

Relative:
Higher
Actual:
246 ft.

WIP:
Name: HIGH STRESS CASTING CORP.
Address: 2524 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1020
File Status: **Historical**
Staff: PAR
Facility Suite: Not reported

C22
East
< 1/8
0.017 mi.
92 ft.

ALLOYS NON-FERROUS FOUNDRY
2532 CHICO AVE
SOUTH EL MONTE, CA 91733

WDS
WIP
CIWQS

S103646698
N/A

Site 3 of 4 in cluster C

Relative:
Higher
Actual:
246 ft.

WDS:
Name: ALLOYS NONFERROUS FOUNDRY INC
Address: 2532 Chico Ave
City: SOUTH EL MONTE
Facility ID: 4 19I008000
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: 6262879891
Facility Contact: HALLIE FRASER
Agency Name: HARRY ROSE
Agency Address: 2532 Chico Ave
Agency City,St,Zip: South El Monte 917331615
Agency Contact: HALLIE FRASER
Agency Telephone: 6262879891
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported

ALLOYS NON-FERROUS FOUNDRY (Continued) **S103646698**

Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:
Name: ALLOYS NON-FERROUS FOUNDRY
Address: 2532 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0540
File Status: Historical
Staff: PAR
Facility Suite: Not reported

CIWQS:
Name: ALLOYS NONFERROUS FOUNDRY INC
Address: 2532 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Agency: Alloys Nonferrous Foundry Inc
Agency Address: 5310 Southern Ave, South Gate, CA 90280
Place/Project Type: Industrial - Aluminum Foundries
SIC/NAICS: 3365
Region: 4
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 4 19I008000
NPDES Number: CAS000001
Adoption Date: 01/01/1900
Effective Date: 09/26/1992
Termination Date: 06/28/2010
Expiration/Review Date: 01/01/1900
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0

ALLOYS NON-FERROUS FOUNDRY (Continued) **S103646698**

Violations within 5 years: 0
Latitude: 34.05823
Longitude: -118.06006

A23 **IMPORT GLASS CORP.** **WIP** **S106765645**
ESE **2510 CHICO AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.017 mi.
92 ft. **Site 18 of 23 in cluster A**

Relative: Higher
Actual: 246 ft.

WIP:
Name: IMPORT GLASS CORP.
Address: 2510 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0986
File Status: Historical
Staff: PAR
Facility Suite: Not reported

A24 **M. V. A. ENTERPRISES INC.** **WIP** **S106766188**
ESE **2466 CHICO AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.018 mi.
93 ft. **Site 19 of 23 in cluster A**

Relative: Higher
Actual: 245 ft.

WIP:
Name: M. V. A. ENTERPRISES INC.
Address: 2466 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2176
File Status: Not reported
Staff: UNIDENTIFIED
Facility Suite: Not reported

B25 **TONEY'S AUTO ELECTRIC** **WIP** **S106766033**
WNW **2547 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.018 mi.
96 ft. **Site 3 of 8 in cluster B**

Relative: Higher
Actual: 241 ft.

WIP:
Name: TONEY'S AUTO ELECTRIC
Address: 2547 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1607
File Status: Not reported
Staff: UNIDENTIFIED
Facility Suite: A

B26 **West** **< 1/8** **0.018 mi.** **96 ft.**	**TRIO CARBURETOR** **2545 ROSEMEAD BLVD** **SOUTH EL MONTE, CA 91733** **Site 4 of 8 in cluster B**	**RCRA-SQG** **FINDS** **ECHO**	**1000596740** **CAD983607193**

Relative: **Higher**

Actual: **241 ft.**

RCRA-SQG:

Date Form Received by Agency:	1991-09-23 00:00:00.0
Handler Name:	TRIO CARBURETOR
Handler Address:	2545 ROSEMEAD BLVD
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD983607193
Contact Name:	JUAN GALINDO
Contact Address:	2545 ROSEMEAD BLVD
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	818-452-0732
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	MIMH LAM
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TRIO CARBURETOR (Continued) **1000596740**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MIMH LAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1221 S PINE ST
Owner/Operator City,State,Zip:	SAN GABRIEL, CA 91776
Owner/Operator Telephone:	818-286-3190
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1991-09-23 00:00:00.0
Handler Name: TRIO CARBURETOR	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

TRIO CARBURETOR (Continued) **1000596740**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002861948

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000596740
Registry ID: 110002861948
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002861948
Name: TRIO CARBURETOR
Address: 2545 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733

D27 **COLE LIGHTING** **RCRA NonGen / NLR** **1024792426**
NNE **2560 NORTH ROSEMEAD BLVD** **CAL000121990**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.020 mi.
103 ft. **Site 1 of 3 in cluster D**

Relative:
Higher

Actual:
243 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 1994-04-27 00:00:00.0
Handler Name: COLE LIGHTING
Handler Address: 2560 NORTH ROSEMEAD BLVD
Handler City,State,Zip: SOUTH EL MONTE, CA 91733-0000
EPA ID: CAL000121990
Contact Name: GUSTAVO CASTILLO
Contact Address: 2560 ROSEMEAD BLVD
Contact City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Telephone: 626-443-2473
Contact Fax: 000-000-0000
Contact Email: GCASTILLO@COLELIGHTING.COM
Contact Title: Not reported
EPA Region: 09

COLE LIGHTING (Continued) **1024792426**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2560 ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-1593
Owner Name:	COLE LIGHTING, INC.
Owner Type:	Other
Operator Name:	GUSTAVO CASTILLO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

COLE LIGHTING (Continued) **1024792426**

Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2018-09-05 15:42:46.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: COLE LIGHTING, INC.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2560 ROSEMEAD BLVD
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-1593
Owner/Operator Telephone: 626-443-2473
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GUSTAVO CASTILLO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2560 ROSEMEAD BLVD
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-443-2473
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1994-04-27 00:00:00.0
Handler Name: COLE LIGHTING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 335122
NAICS Description: COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE

COLE LIGHTING (Continued) **1024792426**

MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D28
NNE
< 1/8
0.020 mi.
103 ft.

C.W. COLE & CO. INC.
2560 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

NPDES **S106765482**
WIP **N/A**

Site 2 of 3 in cluster D

Relative: Higher
Actual: 243 ft.

NPDES:

Name:	CW COLE & COMPANY
Address:	2560 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	531705
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19NEC008567
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/09/2021
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2560 Rosemead Blvd
Discharge Name:	CW Cole & Company
Discharge City:	South El Monte
Discharge State:	California
Discharge Zip:	91733
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	CW COLE & COMPANY
Address:	2560 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19NEC008567

C.W. COLE & CO. INC. (Continued) **S106765482**

Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	02/09/2021
Operator Name:	CW Cole & Company
Operator Address:	2560 Rosemead Blvd
Operator City:	South El Monte
Operator State:	California
Operator Zip:	91733

WIP:

Name:	C.W. COLE & CO. INC.
Address:	2560 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0745
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

D29	**C. W. COLE & CO INC**	**CERS HAZ WASTE**	**S106827581**
NNE	**2560 NO. ROSEMEAD BLVD.**	**EMI**	**N/A**
< 1/8	**SOUTH EL MONTE, CA 91733**	**CERS**	
0.020 mi.			
103 ft.	**Site 3 of 3 in cluster D**		

Relative: Higher

Actual: 243 ft.

CERS HAZ WASTE:

Name:	C W COLE & COMPANY INC
Address:	2560 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	100936
CERS ID:	10297873
CERS Description:	Hazardous Waste Generator

EMI:

Name:	C. W. COLE & CO INC
Address:	2560 NO. ROSEMEAD BLVD.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	3411
Air District Name:	SC
SIC Code:	3679
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0

C. W. COLE & CO INC (Continued) **S106827581**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	C. W. COLE & CO INC
Address:	2560 NO. ROSEMEAD BLVD.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	3411
Air District Name:	SC
SIC Code:	3411
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	C W COLE & COMPANY INC
Address:	2560 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	100936
CERS ID:	10297873
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	100936
Site Name:	C W COLE & COMPANY INC
Violation Date:	03-03-2021
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/03/2021. OBSERVATION: The business failed to electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities. (Corrected during inspection.)
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	100936
Site Name:	C W COLE & COMPANY INC
Violation Date:	02-08-2019

C. W. COLE & CO INC (Continued) **S106827581**

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/12/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Observed the following hazardous materials that were not reported online in CERS in 2018 but observed on site: - 2,700 cubic feet of compressed argon - 450 cubic feet of acetylene - 600 cubic feet of compressed gas CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 100936
Site Name: C W COLE & COMPANY INC
Violation Date: 06-04-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: OBSERVATION: This facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. A review of CERS, revealed that the last submittal of HMBP was done on 4/3/2014. The due date for the annual submittal for the HMBP to CERS was 4/1/15. CORRECTIVE ACTION: Go to CERS internet website (http://cers.calepa.ca.gov/) and provide updates to your Hazardous Materials Business Plan - (Business Activities, Business Owner/Operator Identification, Hazardous Materials Inventory, & Site Map). If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000 .
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 100936
Site Name: C W COLE & COMPANY INC
Violation Date: 06-04-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: OBSERVATION: The facility has not accurately submitted the Hazardous Material Inventory Chemical Description page to the CUPA Observed chemicals unreported in the Hazardous Material Inventory: a) Waste water-based solvent G one 55 gallon drum CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS). Go to CERS internet website (http://cers.calepa.ca.gov/) and provide corrections to the hazardous material inventory. .
Violation Division: Los Angeles County Fire Department

C. W. COLE & CO INC (Continued) **S106827581**

Violation Program: HMRRP
Violation Source: CERS

Site ID: 100936
Site Name: C W COLE & COMPANY INC
Violation Date: 02-08-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/14/2019. OBSERVATION: Uniform Hazardous Waste Manifests for waste paint, used oil, and spent solvents were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for waste paint, used oil, and spent solvents and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-08-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Rich Ruiz, Manager.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-08-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Rich Ruiz, Manager.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Richard Ruiz, plant manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP

C. W. COLE & CO INC (Continued) **S106827581**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: . Gus Castillo . No significant violations observed at the time of the inspection .
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: . Gus Castillo
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Document Preparer
Entity Name: Richard Ruiz
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: C W COLE & COMPANY INC
Entity Title: Not reported
Affiliation Address: 2560 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 443-2473

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2560 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE

C. W. COLE & CO INC (Continued) **S106827581**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: RICHARD RUIZ
Entity Title: PLANT MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: RICHARD RUIZ
Entity Title: Not reported
Affiliation Address: 2560 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 97133
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Gus Castillo
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 443-2473

Affiliation Type Desc: Parent Corporation
Entity Name: C W COLE & COMPANY INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

C30 **A & E SHEET METAL WORKS** **WIP** **S106765294**
ENE **2604 CHICO AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.021 mi.
110 ft. **Site 4 of 4 in cluster C**

Relative:
Higher
Actual:
247 ft.

WIP:
Name: A & E SHEET METAL WORKS
Address: 2604 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0468

A & E SHEET METAL WORKS (Continued) **S106765294**

File Status: **Historical**
Staff: PAR
Facility Suite: Not reported

A31
ESE
< 1/8
0.027 mi.
142 ft.

CEMCO FITNESS PRODUCTS
2453 CHICO AVE
SOUTH EL MONTE, CA 91733

WIP **S106766201**
N/A

Site 20 of 23 in cluster A

Relative:
Higher
Actual:
244 ft.

WIP:
Name: CEMCO FITNESS PRODUCTS
Address: 2453 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2195
File Status: **Historical**
Staff: CCC
Facility Suite: Not reported

E32
ESE
< 1/8
0.027 mi.
142 ft.

LIBERTY CLIMATE CONTROL INC
2447 CHICO AVE
SOUTH EL MONTE, CA 91733

WIP **S106766189**
CERS **N/A**

Site 1 of 8 in cluster E

Relative:
Higher
Actual:
244 ft.

WIP:
Name: LIBERTY CLIMATE CONTROL
Address: 2447 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2178
File Status: **Historical**
Staff: CCC
Facility Suite: Not reported

CERS:
Name: LIBERTY CLIMATE CONTROL INC
Address: 2447 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 355300
CERS ID: 10292515
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 355300
Site Name: LIBERTY CLIMATE CONTROL INC
Violation Date: 07-23-2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 03/17/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

LIBERTY CLIMATE CONTROL INC (Continued) **S106766189**

Site ID: 355300
Site Name: LIBERTY CLIMATE CONTROL INC
Violation Date: 07-23-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 11/29/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 355300
Site Name: LIBERTY CLIMATE CONTROL INC
Violation Date: 07-23-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 11/29/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Chris Gunther, Project Manager. Ceaser Salazar, Shelk Foreman. No significant violations observed at the time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Ceaser Salazar, shop foreman
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-07-2017
Violations Found: No

LIBERTY CLIMATE CONTROL INC (Continued) **S106766189**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: missing inventory and map
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: need map and inventory
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LOUIS MONROY,PRESIDENT
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-08-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-11-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department

LIBERTY CLIMATE CONTROL INC (Continued) **S106766189**

Eval Program: HMRRP
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Legal Owner
Entity Name: LOUIS MONROY III
Entity Title: Not reported
Affiliation Address: 2447 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 575-3131

Affiliation Type Desc: Document Preparer
Entity Name: MARIA MARTELL
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: LOUIS O MONROY JR III
Entity Title: Not reported
Affiliation Address: 2447 N CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2447 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: LOUIS O MONROY JR III
Entity Title: PRESIDENT

LIBERTY CLIMATE CONTROL INC (Continued) **S106766189**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: LOUIS MONROY III
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (818) 612-2131

Affiliation Type Desc: Parent Corporation
Entity Name: LIBERTY CLIMATE CONTROL INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

B33 **SNYDER RESEARCH LABORATORY** **WIP** **S106765976**
West **2535 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.027 mi.
143 ft. **Site 5 of 8 in cluster B**

Relative: **Lower**
Actual: **240 ft.**

WIP:
Name: SNYDER RESEARCH LABORATORY
Address: 2535 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1522
File Status: **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

A34 **AMEX DIE CUTTING SERVICES** **WIP** **S106765360**
ESE **2454 CHICO AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.028 mi.
149 ft. **Site 21 of 23 in cluster A**

Relative: **Higher**
Actual: **245 ft.**

WIP:
Name: AMEX DIE CUTTING SERVICES
Address: 2454 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0556

AMEX DIE CUTTING SERVICES (Continued) **S106765360**

File Status: **Historical**
Staff: CCC
Facility Suite: Not reported

A35	**A AND G COMPRESSOR PARTS INC**	**RCRA-SQG**	**1001959794**
ESE	**2410 N CHICO**	**FINDS**	**CAR000064394**
< 1/8	**S EL MONTE, CA 91733**	**ECHO**	
0.032 mi.			
168 ft.	**Site 22 of 23 in cluster A**		

Relative: **Higher**

Actual: **244 ft.**

RCRA-SQG:

Date Form Received by Agency:	2000-01-14 00:00:00.0
Handler Name:	A AND G COMPRESSOR PARTS INC
Handler Address:	2410 N CHICO
Handler City,State,Zip:	S EL MONTE, CA 91733-1613
EPA ID:	CAR000064394
Contact Name:	FRANK MC NEEL
Contact Address:	2410 N CHICO
Contact City,State,Zip:	S EL MONTE, CA 91733-1613
Contact Telephone:	626-401-2440
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2410 N CHICO
Mailing City,State,Zip:	S EL MONTE, CA 91733-1613
Owner Name:	A AND G COMPRESSOR PARTS INC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

A AND G COMPRESSOR PARTS INC (Continued) **1001959794**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:36:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	A AND G COMPRESSOR PARTS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2410 N CHICO
Owner/Operator City,State,Zip:	S EL MONTE, CA 91733-1613
Owner/Operator Telephone:	626-401-2440
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-01-14 00:00:00.0

A AND G COMPRESSOR PARTS INC (Continued) **1001959794**

Handler Name: A AND G COMPRESSOR PARTS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002931971

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001959794
Registry ID: 110002931971
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002931971
Name: A AND G COMPRESSOR PARTS INC
Address: 2410 N CHICO
City,State,Zip: S EL MONTE, CA 91733

A36
ESE
< 1/8
0.038 mi.
200 ft.

WORLD IMPORTS
2446 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 23 of 23 in cluster A

WIP **S106766193**
N/A

Relative:
Higher

Actual:
245 ft.

WIP:
Name: WORLD IMPORTS
Address: 2446 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4

WORLD IMPORTS (Continued) **S106766193**

File Number: 107.2184
File Status: **Historical**
Staff: BPONEK
Facility Suite: Not reported

B37
SW
< 1/8
0.044 mi.
231 ft.

ABC DISTRIBUTING
2501 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 6 of 8 in cluster B

WIP **S106765314** **N/A**

Relative: **Lower**
Actual: **240 ft.**

WIP:
Name: ABC DISTRIBUTING
Address: 2501 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0490
File Status: **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

E38
ESE
< 1/8
0.045 mi.
237 ft.

REMINGTON ROLL FORMING INC
2445 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 2 of 8 in cluster E

CERS HAZ WASTE
HAZNET
LOS ANGELES CO. HMS
CERS
HWTS

S110070523 **N/A**

Relative: **Higher**
Actual: **244 ft.**

CERS HAZ WASTE:
Name: REMINGTON ROLL FORMING INC
Address: 2445 1/2 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 400628
CERS ID: 10265557
CERS Description: Hazardous Waste Generator

HAZNET:
Name: REMINGTON ROLL FORMING
Address: 2445 1/2 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331612
Contact: THOMAS HENRY/OWNER
Telephone: 6263505196
Mailing Name: Not reported
Mailing Address: 2445 1/2 CHICO AVE

Year: 2018
Gepaid: CAL000131151
TSD EPA ID: AZR000520304
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.37400

Year: 2018
Gepaid: CAL000131151
TSD EPA ID: AZR000520304

REMINGTON ROLL FORMING INC (Continued) **S110070523**

CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.35000

Year: 2016
Gepaid: CAL000131151
TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.3

Year: 2015
Gepaid: CAL000131151
TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.8

Year: 2014
Gepaid: CAL000131151
TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.7

Year: 2014
Gepaid: CAL000131151
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.57

Year: 2013
Gepaid: CAL000131151
TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.05

Year: 2011
Gepaid: CAL000131151
TSD EPA ID: CAT080025711
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.9

Year: 2011
Gepaid: CAL000131151
TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.5

Year: 2010
Gepaid: CAL000131151
TSD EPA ID: CAT080025711
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.513

Click this hyperlink while viewing on your computer to access
16 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2008
Gen EPA ID: CAL000131151

Shipment Date: 20081118
Creation Date: 4/8/2009 18:30:30
Receipt Date: 20081201
Manifest ID: 003690258JJK
Trans EPA ID: CAL000311939
Trans Name: STRESS LESS FXPRESS LLC
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: AZR000501510
Trans Name: AA SYDCOL LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.75
Waste Quantity: 1500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAL000131151

Shipment Date: 20010124
Creation Date: 4/19/2001 0:00:00
Receipt Date: 20010124
Manifest ID: 98397912
Trans EPA ID: CAD982472623
Trans Name: Not reported
Trans 2 EPA ID: Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	2.1
Waste Quantity:	4200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000131151

Shipment Date:	20090722
Creation Date:	8/28/2009 18:30:21
Receipt Date:	20090728
Manifest ID:	005770130JJK
Trans EPA ID:	CAL000311939
Trans Name:	STRESS LESS EXPRESS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.627
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090721
Creation Date:	11/25/2009 18:30:51
Receipt Date:	20090722
Manifest ID:	005770127JJK
Trans EPA ID:	CAL000311939
Trans Name:	STRESS LESS EXPRESS LLC
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.45
Waste Quantity: 900
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAL000131151

Shipment Date: 20030829
Creation Date: 7/29/2004 15:04:35
Receipt Date: 20030904
Manifest ID: 22733648
Trans EPA ID: CAD982472623
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.9
Waste Quantity: 1800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030318
Creation Date: 7/12/2003 18:31:23
Receipt Date: 20030403
Manifest ID: 21862499
Trans EPA ID: CAD982472623
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000131151
Shipment Date:	20050601
Creation Date:	9/15/2005 18:32:02
Receipt Date:	20050603
Manifest ID:	23764981
Trans EPA ID:	CAD982472623
Trans Name:	GOLDEN OIL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050523
Creation Date:	8/17/2005 18:32:59
Receipt Date:	20050526
Manifest ID:	23764984
Trans EPA ID:	CAD982472623
Trans Name:	GOLDEN OIL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.38
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAL000131151

Shipment Date: 20130318
Creation Date: 7/25/2013 9:05:24
Receipt Date: 20130321
Manifest ID: 001990784GBF
Trans EPA ID: CAD982472623
Trans Name: GOLDEN OIL
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: AZR000501510
Trans Name: AA SYDCOL LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 1.05
Waste Quantity: 2100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAL000131151

Shipment Date: 20151015
Creation Date: 5/4/2016 22:15:28
Receipt Date: 20151025
Manifest ID: 013016966JJK
Trans EPA ID: CAL000350237
Trans Name: STRESS LESS EXPRESS
Trans 2 EPA ID: CAD98585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID: AZR000501510
Trans Name: AA SYDCOL LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.8
Waste Quantity: 1600
Quantity Unit: P

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2000
Gen EPA ID: CAL000131151

Shipment Date: 20000629
Creation Date: 8/28/2000 0:00:00
Receipt Date: 20000629
Manifest ID: 95937583
Trans EPA ID: CAD982472623
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D007
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 2.1
Waste Quantity: 4200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000223
Creation Date: 5/3/2000 0:00:00
Receipt Date: 20000225
Manifest ID: 95937552
Trans EPA ID: CAD982472623
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D007
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 2.1
Waste Quantity: 4200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Additional Info:

Year:	2010
Gen EPA ID:	CAL000131151
Shipment Date:	20100907
Creation Date:	12/30/2010 18:30:17
Receipt Date:	20100915
Manifest ID:	007223251JJK
Trans EPA ID:	CAL000350237
Trans Name:	STRESS LESS EXPRESS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.513
Waste Quantity:	135
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000131151
Shipment Date:	20041007
Creation Date:	12/16/2004 18:30:52
Receipt Date:	Not reported
Manifest ID:	23764888
Trans EPA ID:	CAD982472623
Trans Name:	GOLDEN OIL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Shipment Date:	20041004
Creation Date:	1/14/2005 10:18:48
Receipt Date:	20041014
Manifest ID:	23764887
Trans EPA ID:	CAD982472623
Trans Name:	GOLDEN OIL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.38
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040606
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040610
Manifest ID:	23764808
Trans EPA ID:	CAD982472623
Trans Name:	GOLDEN OIL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.05
Waste Quantity:	2100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000131151

Shipment Date:	19990922
Creation Date:	11/18/1999 0:00:00
Receipt Date:	19990922
Manifest ID:	95937517
Trans EPA ID:	CAD982472623

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D007
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 2.1
Waste Quantity: 4200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990630
Creation Date: 8/24/1999 0:00:00
Receipt Date: 19990630
Manifest ID: 95937526
Trans EPA ID: CAD982472623
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D007
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 2.1
Waste Quantity: 4200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAL000131151

Shipment Date: 20071205
Creation Date: 5/5/2008 18:30:17
Receipt Date: 20071206
Manifest ID: 000221279GBF
Trans EPA ID: CAD982472623
Trans Name: GOLDEN OIL
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: AZR000501510
Trans Name: AA SYDCOL LLC

REMINGTON ROLL FORMING INC (Continued) **S110070523**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 1.4
Waste Quantity: 2800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAL000131151

Shipment Date: 20151015
Creation Date: 5/4/2016 22:15:28
Receipt Date: 20151025
Manifest ID: 013016966JJK
Trans EPA ID: CAL000350237
Trans Name: STRESS LESS EXPRESS
Trans 2 EPA ID: CAD98585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID: AZR000501510
Trans Name: AA SYDCOL LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.8
Waste Quantity: 1600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAL000131151

Shipment Date: 20061026
Creation Date: 3/30/2007 13:32:34
Receipt Date: 20061026
Manifest ID: 000221102GBF
Trans EPA ID: CAD982472623
Trans Name: GOLDEN OIL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 1.05
Waste Quantity: 2100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060718
Creation Date: 9/28/2006 18:31:30
Receipt Date: 20060719
Manifest ID: 24292592
Trans EPA ID: CAD982472623
Trans Name: GOLDEN OIL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DE MENNO KERDOON
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAL000131151

Shipment Date: 20140814
Creation Date: 1/26/2015 22:15:30
Receipt Date: 20140820
Manifest ID: 013016575JJK
Trans EPA ID: CAL000350237
Trans Name: STRESS LESS EXPRESS LLC
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: AZR000501510
Trans Name: AA SYDCOL LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.7
Waste Quantity: 1400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140814
Creation Date: 12/26/2014 22:14:49
Receipt Date: 20140926
Manifest ID: 013016574JJK
Trans EPA ID: CAL000350237
Trans Name: STRESS LESS EXPRESS LLC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.57
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAL000131151

Shipment Date: 20110328
Creation Date: 5/19/2011 18:30:24
Receipt Date: 20110329
Manifest ID: 007223476JJK
Trans EPA ID: CAL000350237
Trans Name: STRESS LESS EXPRESS LLC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080025711
Trans Name: ADVANCED ENVIRONMENTAL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

REMINGTON ROLL FORMING INC (Continued) **S110070523**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.9
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110322
Creation Date:	8/25/2011 18:30:20
Receipt Date:	20110328
Manifest ID:	007223475JJK
Trans EPA ID:	CAL000350237
Trans Name:	STRESS LESS EXPRESS LLC
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.5
Waste Quantity:	3000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAL000131151

Shipment Date:	20020920
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20021004
Manifest ID:	21862530
Trans EPA ID:	CAD982472623
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020709
Creation Date:	1/21/2003 18:31:48
Receipt Date:	20020709
Manifest ID:	21862514
Trans EPA ID:	CAD982472623
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.4
Waste Quantity:	2800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020412
Creation Date:	1/8/2003 18:31:12
Receipt Date:	20020412
Manifest ID:	96225038
Trans EPA ID:	CAD982472623
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020204
Creation Date:	7/8/2002 18:31:16
Receipt Date:	20020204

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Manifest ID:	98397866
Trans EPA ID:	CAD982472623
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020111
Creation Date:	6/7/2002 18:30:54
Receipt Date:	20020111
Manifest ID:	98397870
Trans EPA ID:	CAD982472623
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

LOS ANGELES CO. HMS:

Name:	LINDA WOCHNIK
Address:	2445 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	I
Facility Id:	003622-I03744
Facility Type:	01
Facility Status:	Closed
Area:	3U
Permit Number:	000006995
Permit Status:	Closed

REMINGTON ROLL FORMING INC (Continued) **S110070523**

CERS:

Name:	REMINGTON ROLL FORMING INC
Address:	2445 1/2 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	400628
CERS ID:	10265557
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	400628
Site Name:	REMINGTON ROLL FORMING INC
Violation Date:	02-16-2021
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	400628
Site Name:	REMINGTON ROLL FORMING INC
Violation Date:	06-25-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/03/2017. OBSERVATION: Observed four 55 gallon containers of waste oil without a labels. CORRECTIVE ACTION: Owner/Operator shall immediately comply with the Title 22 regulations with regards to the proper handling, management, labeling and recycling of used oil. Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. Label information shall include: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. If the materials is used oil, the containers, above ground storage tanks, and fill pipes used to transfer oil into underground storage tanks shall also be labeled and clearly marked with the words G Used OilG . The operator corrected the violation on site by attaching a properly filled out label at the time of the inspection. Properly fill out labels. .
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	400628
Site Name:	REMINGTON ROLL FORMING INC
Violation Date:	01-07-2019

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 02/16/2021. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. Last Submittal Date 5/3/2013 CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 06-25-2015
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 01/03/2017. OBSERVATION: Observed two 55 gallon waste oil without being properly covered/capped. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Provide a tightly sealed cover/cap for hazardous waste containers. Waste containers are considered closed when all caps or lids with rings are in place. .
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 02-16-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: OBSERVATION: Uniform Hazardous Waste Manifests for used oil were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for used oil and submit copies to the inspector.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 02-16-2021
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and

REMINGTON ROLL FORMING INC (Continued) **S110070523**

	portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVATION: 3x 55 gallon drums of used oil located in the exterior yard was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the inspector demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	400628
Site Name:	REMINGTON ROLL FORMING INC
Violation Date:	06-25-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/16/2021. OBSERVATION: A review of CERS, revealed that the facility has not accurately submitted the Hazardous Material Inventory Chemical Description page to the CUPA. Observed chemicals unreported in the Hazardous Material Inventory: a) Argon - Largest Container = 336 cubic feet, Maximum Daily Amount = 827 cubic feet b) Oxygen - Largest Container = 337 cubic feet, Maximum Daily Amount = 788 cubic feet c) Acetylene - Largest container = 145 cubic feet, Maximum daily amount = 263 cubic feet d) Waste oil - Largest container = 55 gallon, Maximum daily amount = 220 gallon CORRECTIVE ACTION: Go to the California Environmental Reporting System (CERS) internet website (http://cers.calepa.ca.gov/) to provide additions/corrections to the Hazardous Material Inventory Chemical Description page for all materials listed above. Resubmit this section/page. If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	400628
Site Name:	REMINGTON ROLL FORMING INC
Violation Date:	06-25-2015
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 02/16/2021. OBSERVATION: This facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. A review of CERS, revealed that the last submittal of HMBP was done on 06/11/2013. The due date for the annual submittal for the HMBP to CERS was 04/01/2015. CORRECTIVE ACTION: Go to CERS internet website (http://cers.calepa.ca.gov/) and provide updates to your Hazardous Materials Business Plan - (Business Activities, Business Owner/Operator Identification). If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000. .
Violation Division:	Los Angeles County Fire Department

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Violation Program: HMRRP
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 01-03-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/04/2019. OBSERVATION: observed several 55 gallon containers for coolant oil waste the back of the building without labels. Per owner previous containers with labels were recently picked up. CORRECTIVE ACTION: Correction made at end of inspection.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 06-25-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 02/16/2021. OBSERVATION: A review of CERS, revealed that the facility has not accurately submitted the Emergency Response/Contingency Plan to the CUPA. Observed that the plan was G ExemptG . CORRECTIVE ACTION: Go to the CERS internet website (http://cers.calepa.ca.gov/) to complete and submit the Emergency Response/Contingency plan. An optional template may be used to satisfy requirements that Hazardous Materials Business Plans (HMBP). You can find this template on the Emergency Response/Contingency Plan page of CERS. This section contains emergency response plans, procedures, and employee training in the event of a reportable/threatened hazardous material release. Download the form, read the instructions, and complete it. If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000. .
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 06-25-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 02/16/2021. OBSERVATION: A review of CERS, revealed that the facility has not accurately submitted the facility site map to the CUPA. Observed the facility site map was G ExemptG .

REMINGTON ROLL FORMING INC (Continued) **S110070523**

CORRECTIVE ACTION: Site Map cannot be G ExemptG . The site map must be an overhead drawing. The map should include: Adjacent street/alleys, adjacent properties, storm or sewer drains, access and egress points, parking lots, hazardous materials handling and storage areas (propane tank, gas and waste oil storage areas), locations of emergency response equipment, North direction. Once completed, go to the California Environmental Reporting System (CERS) internet website (http://cers.calepa.ca.gov/) and upload the site map. Resubmit this section/page. If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000. .

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 02-13-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Revisit: met with Thomas Henry who said he received the RV Fee Notice and NOV that I left last month; he said he would try to work on CERS but the Fire Dept should be the one to complete the HMBP because the Fire Dept has all the information; billable revisit 1st time; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Henry, owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Henry
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2015

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Henry
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; no HMBP submittal; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Drums properly labeled and covered; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO BOX 9325
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: THOMAS L HENRY
Entity Title: Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Affiliation Address:	P O BOX 9325
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733-0979
Affiliation Phone:	(714) 962-8351

Affiliation Type Desc:	Environmental Contact
Entity Name:	THOMAS L HENRY
Entity Title:	Not reported
Affiliation Address:	PO BOX 9325
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733-0979
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	THOMAS HENRY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 350-5196

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000

Affiliation Type Desc:	Document Preparer
Entity Name:	THOMAS L HENRY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	REMINGTON ROLL FORMING INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

HWTS:

Name:	REMINGTON ROLL FORMING
Address:	2445 1/2 CHICO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331612
EPA ID:	CAL000131151
Inactive Date:	Not reported
Create Date:	08/23/1995
Last Act Date:	08/24/2020
Mailing Name:	Not reported
Mailing Address:	2445 1/2 CHICO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917331612
Owner Name:	THOMAS L. HENRY
Owner Address:	2445 1/2 CHICO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917331612
Contact Name:	THOMAS HENRY/OWNER
Contact Address:	2445 1/2 CHICO AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733

NAICS:

EPA ID:	CAL000131151
Create Date:	2002-03-14 16:36:28.000
NAICS Code:	3321
NAICS Description:	Forging and Stamping
Issued EPA ID Date:	1995-08-23 00:00:00
Inactive Date:	Not reported
Facility Name:	REMINGTON ROLL FORMING
Facility Address:	2445 1/2 CHICO AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917331612

EPA ID:	CAL000131151
Create Date:	2003-10-23 15:27:19.000
NAICS Code:	332999
NAICS Description:	All Other Miscellaneous Fabricated Metal Product Manufacturing
Issued EPA ID Date:	1995-08-23 00:00:00
Inactive Date:	Not reported
Facility Name:	REMINGTON ROLL FORMING
Facility Address:	2445 1/2 CHICO AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917331612

EPA ID:	CAL000131151
Create Date:	2003-10-23 15:27:19.000
NAICS Code:	332999
NAICS Description:	All Other Miscellaneous Fabricated Metal Product Manufacturing
Issued EPA ID Date:	1995-08-23 00:00:00
Inactive Date:	Not reported

REMINGTON ROLL FORMING INC (Continued) **S110070523**

Facility Name: REMINGTON ROLL FORMING
Facility Address: 2445 1/2 CHICO AVE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: Not reported
Facility State: CA
Facility Zip: 917331612

E39
ESE
< 1/8
0.045 mi.
237 ft.

REMINGTON ROLL FORMING
2445 CHICO AVE
SOUTH EL MONTE, CA 91733

WIP **S104578818**
N/A

Site 3 of 8 in cluster E

Relative:
Higher
Actual:
244 ft.

WIP:
Name: REMINGTON ROLL FORMING
Address: 2445 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2179
File Status: **Historical**
Staff: CCC
Facility Suite: 1/2

E40
ESE
< 1/8
0.045 mi.
237 ft.

REMINGTON ROLL FORMING
2445 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733

RCRA NonGen / NLR **1024793254**
CAL000131151

Site 4 of 8 in cluster E

Relative:
Higher
Actual:
244 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 1995-08-23 00:00:00.0
Handler Name: REMINGTON ROLL FORMING
Handler Address: 2445 1/2 CHICO AVE
Handler City,State,Zip: SOUTH EL MONTE, CA 91733-1612
EPA ID: CAL000131151
Contact Name: THOMAS HENRY/OWNER
Contact Address: 2445 1/2 CHICO AVE
Contact City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Telephone: 626-350-5196
Contact Fax: 626-350-5265
Contact Email: STEELEMAN1@MSN.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 2445 1/2 CHICO AVE
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733-1612
Owner Name: THOMAS L. HENRY

REMINGTON ROLL FORMING (Continued) **1024793254**

Owner Type:	Other
Operator Name:	THOMAS HENRY/OWNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:43:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

REMINGTON ROLL FORMING (Continued) **1024793254**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: THOMAS HENRY/OWNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2445 1/2 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-350-5196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THOMAS L. HENRY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2445 1/2 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-1612
Owner/Operator Telephone: 626-350-5196
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1995-08-23 00:00:00.0
Handler Name: REMINGTON ROLL FORMING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 3321
NAICS Description: FORGING AND STAMPING

NAICS Code: 332999
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

E41 **ESE** **< 1/8** **0.045 mi.** **237 ft.**	**L. A. ANNEX** **2445 CHICO AVE** **SOUTH EL MONTE, CA 91733** **Site 5 of 8 in cluster E**	**WIP**	**S106765546** **N/A**

Relative: **Higher**
Actual: **244 ft.**

WIP:

Name:	L. A. ANNEX
Address:	2445 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0839
File Status:	**Historical**
Staff:	CCC
Facility Suite:	Not reported

F42 **ESE** **< 1/8** **0.048 mi.** **254 ft.**	**PACIFIC HARDWARE MFG. CO.** **2442 CHICO AVE** **SOUTH EL MONTE, CA 91733** **Site 1 of 4 in cluster F**	**WIP**	**S106765857** **N/A**

Relative: **Higher**
Actual: **244 ft.**

WIP:

Name:	PACIFIC HARDWARE MFG. CO.
Address:	2442 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1335
File Status:	**Historical**
Staff:	GMM
Facility Suite:	Not reported

G43 **ENE** **< 1/8** **0.050 mi.** **265 ft.**	**CALIFORNIA TC GROUP, LP.** **2622 CHICO AVE** **SOUTH EL MONTE, CA 91733** **Site 1 of 4 in cluster G**	**RCRA NonGen / NLR**	**1025853285** **CAC003033489**

Relative: **Higher**
Actual: **247 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-09-11 00:00:00.0
Handler Name:	CALIFORNIA TC GROUP, LP.
Handler Address:	2622 CHICO AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-1617
EPA ID:	CAC003033489
Contact Name:	CALIFORNIA TC GROUP, LP.
Contact Address:	2559 CHICO AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733-1614
Contact Telephone:	626-456-1195
Contact Fax:	Not reported
Contact Email:	WANG@FRESHAIRENVIRONMENTAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported

CALIFORNIA TC GROUP, LP. (Continued) **1025853285**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2559 CHICO AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-1614
Owner Name:	CALIFORNIA TC GROUP, LP.
Owner Type:	Other
Operator Name:	CALIFORNIA TC GROUP, LP.
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-13 17:13:47.0
Recognized Trader-Importer:	No

CALIFORNIA TC GROUP, LP. (Continued) **1025853285**

Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: CALIFORNIA TC GROUP, LP.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2559 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-1614
Owner/Operator Telephone: 626-456-1195
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CALIFORNIA TC GROUP, LP.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2559 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-1614
Owner/Operator Telephone: 626-456-1195
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2019-09-11 00:00:00.0
Handler Name: CALIFORNIA TC GROUP, LP.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

CALIFORNIA TC GROUP, LP. (Continued) **1025853285**

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G44	**CAL TC GROUP**	**RCRA NonGen / NLR**	**1025853284**
ENE	**2622 CHICO AVENUE**		**CAC003033488**
< 1/8	**SOUTH EL MONTE, CA 91733**		
0.050 mi.			
265 ft.	**Site 2 of 4 in cluster G**		

Relative: **Higher**

Actual: **247 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-09-11 00:00:00.0
Handler Name:	CAL TC GROUP
Handler Address:	2622 CHICO AVENUE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAC003033488
Contact Name:	CAL TC GROUP
Contact Address:	2559 CHICO AVENUE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-456-1195
Contact Fax:	Not reported
Contact Email:	WANG@FRESHAIRENVIRONMENTAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2559 CHICO AVENUE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	CAL TC GROUP
Owner Type:	Other
Operator Name:	CAL TC GROUP
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

CAL TC GROUP (Continued) **1025853284**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-13 17:13:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAL TC GROUP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2559 CHICO AVENUE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-456-1195
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAL TC GROUP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2559 CHICO AVENUE

CAL TC GROUP (Continued) **1025853284**

Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-456-1195
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-09-11 00:00:00.0
Handler Name: CAL TC GROUP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56291
NAICS Description:	REMEDIATION SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G45
ENE
< 1/8
0.050 mi.
265 ft.

CALIFORNIA TC GROUP, LP.
2622 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 3 of 4 in cluster G

CPS-SLIC
HAZNET
NPDES
CIWQS
HWTS

S125539229
N/A

Relative:
Higher
Actual:
247 ft.

CPS-SLIC:

Name:	BRITE-WAY LAUNDRY
Address:	2622 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/14/1987
Global Id:	T10000016083
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.05982
Longitude:	-118.05981
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	107.0056
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported

CALIFORNIA TC GROUP, LP. (Continued) **S125539229**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HAZNET:

Name:	CALIFORNIA TC GROUP LP.
Address:	2622 CHICO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331614
Contact:	CALIFORNIA TC GROUP LP.
Telephone:	6264561195
Mailing Name:	Not reported
Mailing Address:	2559 CHICO AVE
Year:	2019
Gepaid:	CAC003033489
TSD EPA ID:	AZR000520882
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23000

NPDES:

Name:	TRACT 82469
Address:	2622 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91709
Facility Status:	Active
NPDES Number:	CAS000002
Region:	4
Agency Number:	0
Regulatory Measure ID:	525322
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	4 19C391368
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/08/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	4695 MacArthur Court
Discharge Name:	Century Communities
Discharge City:	Newport Beach
Discharge State:	California
Discharge Zip:	92660
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Name:	TRACT 82469
Address:	2622 CHICO AVE

CALIFORNIA TC GROUP, LP. (Continued) **S125539229**

City,State,Zip:	SOUTH EL MONTE, CA 91709
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19C391368
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	09/08/2020
Operator Name:	Century Communities
Operator Address:	4695 MacArthur Court
Operator City:	Newport Beach
Operator State:	California
Operator Zip:	92660

CIWQS:

Name:	TRACT 82469
Address:	2622 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91709
Agency:	Century Communities
Agency Address:	4695 MacArthur Court Suite 300, Newport Beach, CA 92660
Place/Project Type:	Construction - Residential
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	4 19C391368
NPDES Number:	CAS000002
Adoption Date:	01/01/1900
Effective Date:	09/08/2020
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.0597
Longitude:	-118.0589

CALIFORNIA TC GROUP, LP. (Continued) **S125539229**

HWTS:

Name:	CALIFORNIA TC GROUP, LP.
Address:	2622 CHICO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331617
EPA ID:	CAC003033489
Inactive Date:	12/11/2019
Create Date:	09/11/2019
Last Act Date:	12/12/2019
Mailing Name:	Not reported
Mailing Address:	2559 CHICO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917331614
Owner Name:	CALIFORNIA TC GROUP, LP.
Owner Address:	2559 CHICO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917331614
Contact Name:	CALIFORNIA TC GROUP, LP.
Contact Address:	2559 CHICO AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331614

NAICS:

EPA ID:	CAC003033489
Create Date:	2019-09-11 17:36:06.480
NAICS Code:	56291
NAICS Description:	Remediation Services
Issued EPA ID Date:	2019-09-11 17:36:06.49300
Inactive Date:	2019-12-11 17:36:06.46300
Facility Name:	CALIFORNIA TC GROUP, LP.
Facility Address:	2622 CHICO AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917331617

G46
ENE
< 1/8
0.050 mi.
265 ft.

BRITE-WAY LAUNDRY
2622 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 4 of 4 in cluster G

HIST UST **U001569440**
WIP **N/A**

Relative:
Higher

Actual:
247 ft.

HIST UST:

Name:	BRITE-WAY LAUNDRY
Address:	2622 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	00026519
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026519.pdf
Region:	STATE
Facility ID:	00000063431
Facility Type:	Other
Other Type:	LAUNDRY
Contact Name:	Not reported
Telephone:	8184420756
Owner Name:	EVANS, UTE M.
Owner Address:	1320-C DIAMOND BAR BLVD.

BRITE-WAY LAUNDRY (Continued) **U001569440**

Owner City,St,Zip: DIAMOND BAR, CA 91765
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

WIP:
Name: BRITE-WAY LAUNDRY
Address: 2622 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0056
File Status: **Historical**
Staff: MM
Facility Suite: Not reported

F47
ESE
< 1/8
0.059 mi.
311 ft.

PRECISION HINGE CO.,
2436 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 2 of 4 in cluster F

WIP **S103980647**
N/A

Relative:
Higher
Actual:
244 ft.

WIP:
Name: PRECISION HINGE CO.,
Address: 2436 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2177
File Status: **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

B48
SSW
< 1/8
0.060 mi.
315 ft.

CHAMP CORP
2500 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 7 of 8 in cluster B

CPS-SLIC
SWEEPS UST
LOS ANGELES CO. HMS
WIP
CERS

S102058814
N/A

Relative:
Lower
Actual:
240 ft.

CPS-SLIC:
Name: M & T
Address: 2500 N. ROSEMEAD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Open - Inactive**
Status Date: 01/29/2015
Global Id: SL603798705
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported

CHAMP CORP (Continued) **S102058814**

Latitude: 34.055412
Longitude: -118.06308
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0083
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:

Name: CHAMP CORPORATION
Address: 2500 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 9430
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009430-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 2

Name: CHAMP CORPORATION
Address: 2500 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 9430
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009430-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:

Name: CHAMP CORP

CHAMP CORP (Continued) **S102058814**

Address: 2500 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009603-009430
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000513T
Permit Status: Removed

WIP:
Name: M & T
Address: 2500 N Rosemead
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0083
File Status: Active
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: M & T
Address: 2500 N. ROSEMEAD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 191531
CERS ID: SL603798705
CERS Description: Cleanup Program Site

B49
SSW
< 1/8
0.060 mi.
315 ft.

CHAMP CORP.
2500 ROSEMEAD BLVD N
SOUTH EL MONTE, CA 91733

Site 8 of 8 in cluster B

LUST
Cortese
HIST CORTESE
CERS

S101298162
N/A

Relative:
Lower

Actual:
240 ft.

LUST:
Name: CHAMP CORP.
Address: 2500 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703419
Global Id: T0603703419
Latitude: 34.0572793
Longitude: -118.0638172
Status: Completed - Case Closed
Status Date: 06/18/1996
Case Worker: YR
RB Case Number: I-09430
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

CHAMP CORP. (Continued) **S101298162**

Global Id: T0603703419
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703419
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603703419
Action Type: Other
Date: 09/06/1991
Action: Leak Discovery

Global Id: T0603703419
Action Type: Other
Date: 08/26/1991
Action: Leak Stopped

Global Id: T0603703419
Action Type: Other
Date: 04/22/1992
Action: Leak Reported

LUST:
Global Id: T0603703419
Status: Open - Case Begin Date
Status Date: 08/26/1991

Global Id: T0603703419
Status: Open - Site Assessment
Status Date: 04/22/1992

Global Id: T0603703419
Status: Completed - Case Closed
Status Date: 06/18/1996

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-09430
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported

CHAMP CORP. (Continued) **S101298162**

Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703419
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: 9/6/1991
Date Leak First Reported: 4/22/1992
Date Leak Record Entered: 5/26/1992
Date Confirmation Began: Not reported
Date Leak Stopped: 8/26/1991
Date Case Last Changed on Database: 6/18/1996
Date the Case was Closed: 6/18/1996
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2051.8922491276746896639327943
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 4/22/1992
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: M & T COMPANY
RP Address: 2439 ROSEMEAD BLVD N, EL MONTE, 91733
Program: LUST
Lat/Long: 34.0572793 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CORTESE:
Name: CHAMP CORP.
Address: 2500 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE

CHAMP CORP. (Continued) **S101298162**

Envirostor Id: Not reported
Global ID: T0603703419
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: CHAMP CORP.
edr_fadd1: 2500 ROSEMEAD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-09430

CERS:
Name: CHAMP CORP.
Address: 2500 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 198874
CERS ID: T0603703419
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported

CHAMP CORP. (Continued) **S101298162**

Affiliation Phone: Not reported

E50
SE
< 1/8
0.062 mi.
328 ft.

COAST MACHINERY MOVERS
2431 CHICO AVE
SOUTH EL MONTE, CA 91733

CERS HAZ WASTE
HAZNET
CERS
HWTS

S112884711
N/A

Site 6 of 8 in cluster E

Relative:
Higher

Actual:
244 ft.

CERS HAZ WASTE:

Name:	COAST MACHINERY MOVERS
Address:	2431 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	390271
CERS ID:	10284076
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	COAST MACHINERY MOVERS
Address:	2431 CHICO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
Contact:	KIRT A HOOK
Telephone:	6265794510
Mailing Name:	Not reported
Mailing Address:	2431 CHICO AVE
Year:	1998
Gepaid:	CAC001355264
TSD EPA ID:	CAD099452708
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	R01 - Recycler
Tons:	8.3191

Additional Info:

Year:	1998
Gen EPA ID:	CAC001355264
Shipment Date:	19980130
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980130
Manifest ID:	97258415
Trans EPA ID:	CAD982488470
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.3344
Waste Quantity:	320
Quantity Unit:	G

COAST MACHINERY MOVERS (Continued) **S112884711**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980109
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19980109
Manifest ID: 96729586
Trans EPA ID: CAD982488470
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: CAD099452708
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 6.9847
Waste Quantity: 1675
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: COAST MACHINERY MOVERS
Address: 2431 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 390271
CERS ID: 10284076
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description: Failure to retain paperwork documenting disposal of used oil for three years.
Violation Notes: Returned to compliance on 01/12/2016. OBSERVATION: The Owner/Operator failed to retain paperwork documenting disposal of used oil for 3 years. CORRECTIVE ACTION: The Owner/Operator shall maintain copies documenting disposal of used oil for a minimum of 3 years.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 01-12-2016

COAST MACHINERY MOVERS (Continued) **S112884711**

Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/25/2016.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 01-12-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 08/25/2016.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 08/25/2016. OBSERVATION: The annotated site map has not been completed and submitted to the CUPA. CORRECTIVE ACTION: Complete an annotated site map and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 08/25/2016. OBSERVATION: The Business Activities page has not been submitted to this department. CORRECTIVE ACTION: Complete the Business Activities page and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22,

COAST MACHINERY MOVERS (Continued) **S112884711**

	Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 01/12/2016. wastes in white storage trailer
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	390271
Site Name:	COAST MACHINERY MOVERS
Violation Date:	10-02-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/25/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	390271
Site Name:	COAST MACHINERY MOVERS
Violation Date:	01-12-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 08/25/2016.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	390271
Site Name:	COAST MACHINERY MOVERS
Violation Date:	01-07-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 03/15/2019. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. Submitted for CERS ID 10284076 on 4/12/2018 12:39PM by Phyllis McGoldrick of COAST MACHINERY MOVERS (SOUTH EL MONTE, CA) Submittal was Not Accepted on 8/31/2018 by James, Jr, Ealey for Los Angeles County Fire Department Comments by regulator: Your Facility Information-Business Activities was not accepted as a Hazardous Materials handler you are required to submit in CERS a Emergency Response and Training Plans AND INVENTORY AND SITE MAP. CORRECTIVE

COAST MACHINERY MOVERS (Continued) **S112884711**

	ACTION: Review, electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date on on CERS at CERS.CA.GOV
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	390271
Site Name:	COAST MACHINERY MOVERS
Violation Date:	10-02-2015
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 01/12/2016. OBSERVATION: Copies of hazardous waste disposal records for 2013-2015 were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	390271
Site Name:	COAST MACHINERY MOVERS
Violation Date:	10-02-2015
Citation:	22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B)
Violation Description:	Failure to retain disposal records of spent lead batteries for three years.
Violation Notes:	Returned to compliance on 08/24/2016. OBSERVATION: Bills of lading or manifests for the management of lead acid batteries for the last three years were not found on site. A copy of each bill of lading must be kept on site for at least three years. CORRECTIVE ACTION: Immediately locate a copy of all bills of lading or manifests for lead acid batteries for the last three years, maintain them on site, and submit copies to the CUPA 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	390271
Site Name:	COAST MACHINERY MOVERS
Violation Date:	01-12-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/25/2016.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

COAST MACHINERY MOVERS (Continued) **S112884711**

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 01/12/2016. OBSERVATION: Generator failed to properly handle, manage, label, and/or recycle used oil and fuel filters. Not all used oil filter drums were labeled "drained used oil filters". CORRECTIVE ACTION: Owner/Operator shall immediatly comply with the Title 22 regulations with regards to the proper handling, management, labeling and recycling of used oil and fuel filters. Verify compliance with the CUPA within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes: Returned to compliance on 01/12/2016. OBSERVATION: At the time of inspection, it could not be demonstrated (not necessarily documented) that employees who handle hazardous waste were properly trained. HW drums inside a HW trailer did not have proper labels and were stored greater than 180 days; no employee training records were available. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 01/12/2016. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS). OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

COAST MACHINERY MOVERS (Continued) **S112884711**

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 08/25/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page to the CUPA for the following: Waste antifreeze-1x55-gal drum New antifreeze G 1 x 55-gal drum Drained used oil filters G 2 x 55-gal drums Oily absorbent G 1 x 55-gal drum New solvent G 1x 55-gal drum Used oil G 1 x ~175-gal AST New oil G 1x55-gal drum + 1x55-gal cube + 1 x 250-gal AST + 1 x ~ 75-gal AST Acetylene G 9 x 420 cubic feet dewars Propane G 40x8-10-gal cylinders + 1x500-gal AST Oxygen-12x281-cf cylinders Argon-2x280-cf cylinder Compressed gas-1x260-cf cylinder Clarifier sludge-3x55-gal drums Used absorbent G 1x55-gal drum Transmission oil G 2 x 55-gal drums Diesel - 2 x 55-gal drums CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/12/2016. OBSERVATION: Clarifier sludge-3x55-gal drums, used absorbent G 1x55-gal drum; transmission oil G 2 x 55-gal drums; diesel - 2 x 55-gal were stored in a white storage trailer. The containers were not properly labeled as HW or HM. The sludge was placed in the drums in 2014. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 01-12-2016
Citation: 22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B)
Violation Description: Failure to retain disposal records of spent lead batteries for three

COAST MACHINERY MOVERS (Continued) **S112884711**

years.
Violation Notes: Returned to compliance on 08/24/2016.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 01/12/2016. OBSERVATION: Per your submittal in CERS, this facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA by [date, 30 days from now].
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 01-03-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 02/03/2019. OBSERVATION: Used oil disposal records and hazardous waste manifests for were not available at the time of inspection. CORRECTIVE ACTION: Provide copies to the CUPA for review.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Chris
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Chris Feduska
Eval Division: Los Angeles County Fire Department

COAST MACHINERY MOVERS (Continued) **S112884711**

Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-12-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Labels placed on containers; waste manifests submitted for review; wastes accumulated over 180 days removed under manifest; EPA ID active; contingency plan submitted; disposal records for spent lead-acid batteries and waste sludge pending. Followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-12-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed CERS. HMPB partially submitted. Inventory, Business Activities, and Site Map not accurate. Followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Wade Cogbill, operations manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-23-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported

COAST MACHINERY MOVERS (Continued) **S112884711**

Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-25-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Bill Shehan, Dispatcher
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Bill Shehan, Dispatcher Assisted by Joe Cochran
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2431 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Arbe Properties LLC.
Entity Title: Not reported
Affiliation Address: 2431 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 579-4510

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce

COAST MACHINERY MOVERS (Continued) **S112884711**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Operator
Entity Name:	L. Beard
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 579-4510
Affiliation Type Desc:	Parent Corporation
Entity Name:	COAST MACHINERY MOVERS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Phyllis McGoldrick
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Wade Cogbill
Entity Title:	Not reported
Affiliation Address:	2431 CHICO AVENUE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Coast Companies Inc.
Entity Title:	Not reported
Affiliation Address:	2431 CHICO AVE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 579-4510
Affiliation Type Desc:	Identification Signer
Entity Name:	Phyllis McGoldrick

COAST MACHINERY MOVERS (Continued) **S112884711**

Entity Title: CFO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: COAST MACHINERY MOVERS
Address: 2431 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAC001355264
Inactive Date: 01/01/1900
Create Date: 01/09/1998
Last Act Date: 10/21/1998
Mailing Name: Not reported
Mailing Address: 2431 CHICO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330000
Owner Name: COAST MACHINERY MOVERS
Owner Address: 2431 CHICO AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact Name: KIRT A HOOK
Contact Address: 2431 CHICO AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000

E51 **COAST MACHINERY MOVERS** **RCRA NonGen / NLR** **1024794330**
SE **2431 CHICO AVE** **CAL000147771**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.062 mi.
328 ft. **Site 7 of 8 in cluster E**

Relative: Higher
Actual: 244 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 1998-10-21 00:00:00.0
Handler Name: COAST MACHINERY MOVERS
Handler Address: 2431 CHICO AVE
Handler City,State,Zip: SOUTH EL MONTE, CA 91733-0000
EPA ID: CAL000147771
Contact Name: PHYLLIS MCGOLDRICK
Contact Address: 2431 CHICO AVE
Contact City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Contact Telephone: 626-246-1908
Contact Fax: 626-579-9223
Contact Email: PHYLLISM@COASTMACHINERYMOVERS.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities

COAST MACHINERY MOVERS (Continued) **1024794330**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2431 CHICO AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner Name:	COAST MACHINERY MOVERS CORP
Owner Type:	Other
Operator Name:	PHYLLIS MCGOLDRICK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:43:19.0
Recognized Trader-Importer:	No

COAST MACHINERY MOVERS (Continued) **1024794330**

Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PHYLLIS MCGOLDRICK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2431 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone: 626-246-1908
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COAST MACHINERY MOVERS CORP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2431 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone: 626-579-4510
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1998-10-21 00:00:00.0
Handler Name: COAST MACHINERY MOVERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violations:
Violations: No Violations Found

COAST MACHINERY MOVERS (Continued) **1024794330**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E52
SE
< 1/8
0.062 mi.
328 ft.

COAST MACHINERY MOVERS
2431 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 8 of 8 in cluster E

SWEEPS UST
HIST UST
WDS
WIP
HWTS

U001569445
N/A

Relative:
Higher

Actual:
244 ft.

SWEEPS UST:

Name:	COAST MACHINERY MOVERS
Address:	2431 CHICO AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	9174
Number:	9
Board Of Equalization:	44-008337
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-009174-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	2

Name:	COAST MACHINERY MOVERS
Address:	2431 CHICO AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	9174
Number:	9
Board Of Equalization:	44-008337
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-009174-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

Name:	COAST MACHINERY MOVERS
Address:	2431 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	Not reported
URL:	Not reported

COAST MACHINERY MOVERS (Continued) **U001569445**

Region: STATE
Facility ID: 00000005428
Facility Type: Other
Other Type: TRANSPORTATION
Contact Name: ANDY PADILLA
Telephone: 8185794510
Owner Name: COAST MACHINERY MOVERS (CORPOR
Owner Address: 2431 CHICO AVENUE
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1971
Tank Capacity: 00007500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

WDS:
Name: COAST MACHINERY MOVERS INC.
Address: 2431 Chico Ave
City: SOUTH EL MONTE
Facility ID: 4 19I000591
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: 6265794510
Facility Contact: David Rowley
Agency Name: ARBE ENTERPRISES INC.
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 4212
SIC Code 2: Not reported
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste: STORMS
Waste Type2: Not reported

COAST MACHINERY MOVERS (Continued) **U001569445**

Waste2: Stormwater Runoff
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:
Name: COAST MACHINERY MOVERS
Address: 2431 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2170
File Status: **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

HWTS:
Name: COAST MACHINERY MOVERS
Address: 2431 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAC001419784
Inactive Date: 12/14/1998
Create Date: 09/14/1998
Last Act Date: 10/21/1998
Mailing Name: Not reported
Mailing Address: 2431 CHICO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330000
Owner Name: COAST MACHINERY MOVERS
Owner Address: 2431 CHICO AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact Name: KIRT A HOOK
Contact Address: 2431 CHICO AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000

F53 **COAST MACHENARY MOVERS** **HIST UST** **S118408793**
ESE **2432 CHICO AVENUE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.063 mi.
331 ft. **Site 3 of 4 in cluster F**

Relative:
Higher
Actual:
244 ft.

HIST UST:

Name:	COAST MACHENARY MOVERS
Address:	2432 CHICO AVENUE
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	000272F3
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000272F3.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

H54 **LUV MANUFACTURING** **WIP** **S106765311**
NW **2611 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.065 mi.
342 ft. **Site 1 of 18 in cluster H**

Relative:
Higher
Actual:
241 ft.

WIP:

Name:	LUV MANUFACTURING
Address:	2611 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0486
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

H55	**AAMEC CORP**	**RCRA-SQG**	**1000200573**
NW	**2611 ROSEMEAD BLVD**	**FINDS**	**CAD009660226**
< 1/8	**SOUTH EL MONTE, CA 91733**	**ECHO**	
0.065 mi.			
342 ft.	**Site 2 of 18 in cluster H**		

Relative: **Higher**

Actual: **241 ft.**

RCRA-SQG:

Date Form Received by Agency:	1985-11-12 00:00:00.0
Handler Name:	AAMEC CORP
Handler Address:	2611 ROSEMEAD BLVD
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD009660226
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2611 ROSEMEAD BLVD
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	818-442-4373
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	ELOISE CUTLER
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

AAMEC CORP (Continued) **1000200573**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELOISE CUTLER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AAMEC CORP (Continued) **1000200573**

Historic Generators:
Receive Date: 1985-11-12 00:00:00.0
Handler Name: AAMEC CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002637665

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000200573
Registry ID: 110002637665
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002637665
Name: AAMEC CORP
Address: 2611 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733

H56 **SBICCA OF CALIFORNIA** **WIP** **S106765954**
NNW **2620 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.065 mi.
345 ft. **Site 3 of 18 in cluster H**

Relative: Higher
Actual: 242 ft.

WIP:

Name:	SBICCA OF CALIFORNIA
Address:	2620 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1491
File Status:	**Historical**
Staff:	YLU
Facility Suite:	Not reported

I57 **EUROPEAN AUTO TECH** **RCRA NonGen / NLR** **1024792736**
SSW **2456 1/4 ROSEMEAD BLVD** **CAL000125711**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.071 mi.
373 ft. **Site 1 of 13 in cluster I**

Relative: Lower
Actual: 240 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	1996-07-08 00:00:00.0
Handler Name:	EUROPEAN AUTO TECH
Handler Address:	2456 1/4 ROSEMEAD BLVD
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
EPA ID:	CAL000125711
Contact Name:	TOAN NGUYEN/MGR
Contact Address:	2456 1/4 ROSEMEAD BLVD
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733-1522
Contact Telephone:	626-579-2185
Contact Fax:	Not reported
Contact Email:	EUROAUTOTECH16@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2456 1/4 ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-1522
Owner Name:	VINH NGUYEN/OWNER
Owner Type:	Other
Operator Name:	TOAN NGUYEN/MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

EUROPEAN AUTO TECH (Continued) **1024792736**

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:42:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOAN NGUYEN/MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2456 1/4 ROSEMEAD BLVD
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733-1522
Owner/Operator Telephone:	626-579-2185
Owner/Operator Telephone Ext:	Not reported

EUROPEAN AUTO TECH (Continued) **1024792736**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VINH NGUYEN/OWNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10178 EAST RUSH ST
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 818-579-2185
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-07-08 00:00:00.0
Handler Name: EUROPEAN AUTO TECH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811113
NAICS Description: AUTOMOTIVE TRANSMISSION REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I58 **HOS ENTERPRISES** **LOS ANGELES CO. HMS** **U003060760**
SSW **2456 ROSEMEAD BLVD** **WIP** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.071 mi.
373 ft. **Site 2 of 13 in cluster I**

Relative:
Lower

Actual:
240 ft.

LOS ANGELES CO. HMS:
Name: HOS ENTERPRISES
Address: 2456 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 004602-I04780
Facility Type: 01
Facility Status: Closed
Area: 3U

HOS ENTERPRISES (Continued) **U003060760**

Permit Number: 000004150
Permit Status: Closed

WIP:
Name: BUCHANAN CO INC.
Address: 2456 N Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2168
File Status: Historical
Staff: KELLIOTT
Facility Suite: Not reported

I59
SSW
< 1/8
0.071 mi.
373 ft.

EL MONTE STEEL TREATING
2456 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Site 3 of 13 in cluster I

RCRA-SQG
FINDS
ECHO
LOS ANGELES CO. HMS

1000301744
CAD062079678

Relative:
Lower

Actual:
240 ft.

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	EL MONTE STEEL TREATING
Handler Address:	2456 N ROSEMEAD BLVD
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD062079678
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	N ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	EL MONTE STEEL TREATING
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

EL MONTE STEEL TREATING (Continued) **1000301744**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EL MONTE STEEL TREATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported

EL MONTE STEEL TREATING (Continued) **1000301744**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: EL MONTE STEEL TREATING
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332811
NAICS Description: METAL HEAT TREATING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002653101

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

EL MONTE STEEL TREATING (Continued) **1000301744**

ECHO:

Envid:	1000301744
Registry ID:	110002653101
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002653101
Name:	EL MONTE STEEL TREATING
Address:	2456 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733

LOS ANGELES CO. HMS:

Name:	EL MONTE STEEL TREATING CO
Address:	2456 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	Not reported
Facility Id:	004602-004780
Facility Type:	Not reported
Facility Status:	OPEN
Area:	3U
Permit Number:	Not reported
Permit Status:	Not reported

I60
SSW
< 1/8
0.071 mi.
373 ft.

EUROPEAN AUTOMOTIVE TECHNOLOGY
2456 1/4 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

EDR Hist Auto **1022197952** **N/A**

Site 4 of 13 in cluster I

Relative: **Lower**

Actual: **240 ft.**

EDR Hist Auto

Year:	Name:	Type:
1998	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
1999	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
2000	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
2001	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
2002	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
2003	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
2004	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
2005	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
2006	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
2007	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops
2008	EUROPEAN AUTOMOTIVE TECHNOLOGY	Automotive Transmission Repair Shops

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61
East
< 1/8
0.073 mi.
383 ft.

VACANT BUILDING
9630 FERN ST
SOUTH EL MONTE, CA 91733

WIP **S106092757** **N/A**

Relative: **Higher**

Actual: **248 ft.**

WIP:

Name:	VACANT BUILDING
Address:	9630 Fern St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0545
File Status:	**Historical**

VACANT BUILDING (Continued) **S106092757**

Staff: KELLIOTT
Facility Suite: Not reported

I62 **SSW** **< 1/8** **0.075 mi.** **394 ft.**	**HOOTER BROS ENAMELING CO INC** **2460 N ROSEMEAD BLVD** **SOUTH EL MONTE, CA 91733** **Site 5 of 13 in cluster I**	**RCRA-SQG** **CPS-SLIC** **EMI** **CERS**	**1000401436** **CAD008337289**

Relative: **Lower**

Actual: **240 ft.**

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	HOOTER BROS ENAMELING CO INC
Handler Address:	2460 N ROSEMEAD BLVD
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD008337289
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	2460 N ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

HOOTER BROS ENAMELING CO INC (Continued) **1000401436**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:23:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAY B HOOTER ROBERT H HOOTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212

HOOTER BROS ENAMELING CO INC (Continued) **1000401436**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: HOOTER BROS ENAMELING CO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-25 00:00:00.0
Handler Name: HOOTER BROS ENAMELING CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 33991
NAICS Description: JEWELRY AND SILVERWARE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CPS-SLIC:
Name: HOOTER BROS. ENAMELING CO.
Address: 2460 N. ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/17/1995
Global Id: SL603798716
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.055412
Longitude: -118.06308
Case Type: Cleanup Program Site

HOOTER BROS ENAMELING CO INC (Continued) **1000401436**

Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0175
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

EMI:

Name: HOOTER BROS ENAMELING INC
Address: 2460 N ROSEMAEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 53687
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: HOOTER BROS ENAMELING INC
Address: 2460 N ROSEMEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 53687
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: HOOTER BROS ENAMELING INC
Address: 2460 N ROSEMEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1993
County Code: 19
Air Basin: SC

HOOTER BROS ENAMELING CO INC (Continued) **1000401436**

Facility ID: 53687
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: HOOTER BROS ENAMELING INC
Address: 2460 N ROSEMEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 53687
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: HOOTER BROS ENAMELING INC
Address: 2460 N ROSEMEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 53687
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: HOOTER BROS ENAMELING INC
Address: 2460 N ROSEMEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733

HOOTER BROS ENAMELING CO INC (Continued) **1000401436**

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	53687
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	HOOTER BROS ENAMELING INC
Address:	2460 N ROSEMEAD BL
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	53687
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	HOOTER BROS ENAMELING INC
Address:	2460 N ROSEMEAD BL
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	53687
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HOOTER BROS ENAMELING CO INC (Continued) **1000401436**

Name:	HOOTER BROS ENAMELING INC
Address:	2460 N ROSEMEAD BL
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	53687
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	HOOTER BROTHERS ENAMELING INC
Address:	2460 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	125315
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	HOOTER BROTHERS ENAMELING INC
Address:	2460 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	125315
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

HOOTER BROS ENAMELING CO INC (Continued) **1000401436**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: HOOTER BROTHERS ENAMELING INC
Address: 2460 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 125315
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.39101
Reactive Organic Gases Tons/Yr: 1.37
Carbon Monoxide Emissions Tons/Yr: 0.00665
NOX - Oxides of Nitrogen Tons/Yr: 0.0247
SOX - Oxides of Sulphur Tons/Yr: 0.000158
Particulate Matter Tons/Yr: 0.074684
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.05

CERS:
Name: HOOTER BROS. ENAMELING CO.
Address: 2460 N. ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 256074
CERS ID: SL603798716
CERS Description: Cleanup Program Site

Name: HOOTER BROS ENAMELING COMPANY INCORPORATED
Address: 2460 NORTH ROSEMEAD BOULEVARD
City,State,Zip: SOUTH EL MONTE, CA 91733-1522
Site ID: 472842
CERS ID: 110002632704
CERS Description: US EPA Air Emission Inventory System (EIS)

I63 **SSW** **< 1/8** **0.075 mi.** **394 ft.**	**HOOTER BROS ENAMELING INC** **2460 N. ROSEMEAD BLVD.** **SOUTH EL MONTE, CA 91733** **Site 6 of 13 in cluster I**	**EMI** **WIP**	**S106484532** **N/A**

Relative: **Lower**

Actual: **240 ft.**

EMI:
Name: HOOTER BROS ENAMELING INC
Address: 2460 N. ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 372
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

HOOTER BROS ENAMELING INC (Continued) **S106484532**

Total Organic Hydrocarbon Gases Tons/Yr: 14
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

WIP:
Name: HOOTER BROS. ENAMELING CO.
Address: 2460 N Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0175
File Status: **Active**
Staff: CORTEZ
Facility Suite: Not reported

I64 **BUCHANAN CO., INC.** **CPS-SLIC** **S106765220**
SSW **2464 ROSEMEAD BLVD.** **WIP** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.079 mi.
415 ft. **Site 7 of 13 in cluster I**

Relative: Lower
Actual: 240 ft.

CPS-SLIC:
Name: BUCHANAN CO., INC.
Address: 2464 ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 09/29/1987
Global Id: T10000016124
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.05718
Longitude: -118.06391
Case Type: Cleanup Program Site
Case Worker: WIP
Local Agency: Not reported
RB Case Number: 107.0127
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: BUCHANAN CO., INC.
Address: 2464 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0127
File Status: **Historical**
Staff: BPONEK
Facility Suite: Not reported

H65	**WIEZBISKI JOHN/JANET**	**WIP**	**S106766168**
NNW	**2656 ROSEMEAD BLVD**		**N/A**
< 1/8	**SOUTH EL MONTE, CA 91733**		
0.081 mi.			
430 ft.	**Site 4 of 18 in cluster H**		

Relative: Higher

Actual: 242 ft.

WIP:

Name:	WIEZBISKI JOHN/JANET
Address:	2656 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1957
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

H66	**JOHN WIEZBISKI**	**SWEEPS UST**	**S102058935**
NNW	**2656 ROSEMEAD BLVD**	**LOS ANGELES CO. HMS**	**N/A**
< 1/8	**SOUTH EL MONTE, CA 91733**		
0.081 mi.			
430 ft.	**Site 5 of 18 in cluster H**		

Relative: Higher

Actual: 242 ft.

SWEEPS UST:

Name:	JOHN WIEZBISKI
Address:	2656 N ROSEMEAD BLVD
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	12932
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

LOS ANGELES CO. HMS:

Name:	JOHN WIEZBISKI
Address:	2656 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	T
Facility Id:	012740-012932
Facility Type:	0
Facility Status:	Removed
Area:	3U
Permit Number:	00004727T
Permit Status:	Removed

H67 **ON THE SPOT** **WIP** **S106766169**
NNW **2656 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.081 mi.
430 ft. **Site 6 of 18 in cluster H**

Relative: **Higher**
Actual: **242 ft.**

WIP:

Name:	ON THE SPOT
Address:	2656 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1958
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

H68 **A-WARE CHARTER** **WIP** **S106766171**
NNW **2656 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.081 mi.
430 ft. **Site 7 of 18 in cluster H**

Relative: **Higher**
Actual: **242 ft.**

WIP:

Name:	A-WARE CHARTER
Address:	2656 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1960
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

H69 **ROY'S BODY SHOP** **WIP** **S106766170**
NNW **2656 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.081 mi.
430 ft. **Site 8 of 18 in cluster H**

Relative: **Higher**
Actual: **242 ft.**

WIP:

Name:	ROY'S BODY SHOP
Address:	2656 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1959
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

H70 | **ADVANCE SCREW PRODUCTS** | **CERS HAZ WASTE** | **S106765328**
North | **2650 ROSEMEAD BLVD** | **WIP** | **N/A**
< 1/8 | **SOUTH EL MONTE, CA 91733** | **CERS**
0.082 mi.
431 ft. | **Site 9 of 18 in cluster H**

Relative: Higher
Actual: 242 ft.

CERS HAZ WASTE:

Name:	EL MONTE SUPERSTORE
Address:	2650 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	114010
CERS ID:	10286581
CERS Description:	Hazardous Waste Generator

WIP:

Name:	ADVANCE SCREW PRODUCTS
Address:	2650 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0508
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	EL MONTE SUPERSTORE
Address:	2650 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	114010
CERS ID:	10286581
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	114010
Site Name:	EL MONTE SUPERSTORE
Violation Date:	07-07-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 07/23/2020. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA within 30 days. On an ongoing basis, electronically submit and certify the business plan annually on or before the annual due date. Please add propane to CERS inventory and its location on site map.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	114010
Site Name:	EL MONTE SUPERSTORE
Violation Date:	07-07-2020
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with

ADVANCE SCREW PRODUCTS (Continued) **S106765328**

	proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 09/09/2020. OBSERVATION: Employees are not thoroughly familiar with proper waste handling and emergency procedures as demonstrated by the number and/or type of hazardous waste violations observed at the time of inspection. CORRECTIVE ACTION: Submit documentation to the inspector demonstrating that employees have been properly trained to handle returned/damaged products.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	114010
Site Name:	EL MONTE SUPERSTORE
Violation Date:	02-20-2014
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Not reported
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	114010
Site Name:	EL MONTE SUPERSTORE
Violation Date:	03-20-2017
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 03/31/2017.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	114010
Site Name:	EL MONTE SUPERSTORE
Violation Date:	02-20-2014
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Not reported
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	114010
Site Name:	EL MONTE SUPERSTORE
Violation Date:	03-20-2017
Citation:	HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description:	Failure to record in an operating log and retain for three years the

ADVANCE SCREW PRODUCTS (Continued) **S106765328**

following information for each shipment of recycled or exempted oil: 1) The name and address of the used oil recycling facility or generator claiming the oil meets the requirements of HSC 6.5 25250.1. 2) The name and address of the facility receiving the shipment. 3) The quantity of oil delivered. 4) The date of shipment or delivery. 5) A cross-reference to the records and documentation required under HSC 6.5 25250.1.

Violation Notes: Returned to compliance on 03/31/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 114010
Site Name: EL MONTE SUPERSTORE
Violation Date: 03-20-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 03/31/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by B. Wright Consent given by Anita Ly
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by B. Wright Consent given by Anita Ly

ADVANCE SCREW PRODUCTS (Continued) **S106765328**

Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Anita, employee
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Anita, employee
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Hi Mr. Bob. Please see attaching here the EPA number and containers required for El Monte Superstore 2650 N. Rosemead Blvd. El Monte CA 91733. Hope these can meet your requirements and closed our case. If there are any questions please give me a call . Thank you. Huy Trieu Shun Fat Supermarket Cel (626)945-5739 Fax(626)408-6658
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2020
Violations Found: Yes
Eval Type: Routine done by local agency

ADVANCE SCREW PRODUCTS (Continued) **S106765328**

Eval Notes: Sally Lai, supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 114010
Facility Name: EL MONTE SUPERSTORE
Env Int Type Code: HMBP
Program ID: 10286581
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.060450
Longitude: -118.063820

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Identification Signer
Entity Name: HUY TRIEU
Entity Title: MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: HUY TRIEU
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: HUY TRIEU
Entity Title: Not reported
Affiliation Address: 2650 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

ADVANCE SCREW PRODUCTS (Continued) **S106765328**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2650 N ROSEMEAD BLVD
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	HIEU TRAN
Entity Title:	Not reported
Affiliation Address:	1635 S.SAN GABRIEL BLVD
Affiliation City:	SAN GABRIEL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91766
Affiliation Phone:	(626) 280-9998

Affiliation Type Desc:	Legal Owner
Entity Name:	EL MONTE SUPERSTORE INC
Entity Title:	Not reported
Affiliation Address:	2650 N ROSEMEAD BLVD
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 279-7898

Affiliation Type Desc:	Operator
Entity Name:	HIEU TRAN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 279-7898

Affiliation Type Desc:	Parent Corporation
Entity Name:	EL MONTE SUPERSTORE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

H71 **North** **< 1/8** **0.082 mi.** **431 ft.**	**VACATION ENTERPRISES** **2650 ROSEMEAD BLVD** **SOUTH EL MONTE, CA 91733** **Site 10 of 18 in cluster H**	**WIP**	**S106766060** **N/A**

Relative: **Higher**

Actual: **242 ft.**

WIP:

Name:	VACATION ENTERPRISES
Address:	2650 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1643
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

J72 **West** **< 1/8** **0.085 mi.** **450 ft.**	**GR ROLL OFF SERVICE, INC.** **2552 TROY AVE** **SOUTH EL MONTE, CA 91733** **Site 1 of 2 in cluster J**	**RCRA NonGen / NLR**	**1026478211** **CAC003084089**

Relative: **Lower**

Actual: **239 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2020-09-16 00:00:00.0
Handler Name:	GR ROLL OFF SERVICE, INC.
Handler Address:	2552 TROY AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAC003084089
Contact Name:	HORACIO VILLA
Contact Address:	927 FICKEWIRTH AVE
Contact City,State,Zip:	LA PUENTE, CA 90606
Contact Telephone:	626-333-0413
Contact Fax:	Not reported
Contact Email:	GRROLLOFFSERVICE@AOL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	927 FICKEWIRTH AVE
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	GR ROLL OFF SERVICE, INC.
Owner Type:	Other
Operator Name:	HORACIO VILLA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

GR ROLL OFF SERVICE, INC. (Continued) **1026478211**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-09-20 14:39:48.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GR ROLL OFF SERVICE, INC.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	927 FICKEWIRTH AVE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	626-333-0413
Owner/Operator Telephone Ext:	Not reported

GR ROLL OFF SERVICE, INC. (Continued) **1026478211**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HORACIO VILLA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 927 FICKEWIRTH AVE
Owner/Operator City,State,Zip: LA PUENTE, CA 90606
Owner/Operator Telephone: 626-333-0413
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-09-16 00:00:00.0
Handler Name: GR ROLL OFF SERVICE, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H73 **NEW WORLD AUTOMOTIVE** **RCRA NonGen / NLR** **1024829705**
NNW **2627 ROSEMEAD BLVD** **CAL000363400**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.086 mi.
452 ft. **Site 11 of 18 in cluster H**

Relative: Higher
Actual: 242 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2011-05-03 00:00:00.0
Handler Name: NEW WORLD AUTOMOTIVE
Handler Address: 2627 ROSEMEAD BLVD
Handler City,State,Zip: SOUTH EL MONTE, CA 91733-1532
EPA ID: CAL000363400
Contact Name: ALBERT TRAN
Contact Address: 2627 N ROSEMEAD BLVD
Contact City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Telephone: 626-279-6770

NEW WORLD AUTOMOTIVE (Continued) **1024829705**

Contact Fax:	Not reported
Contact Email:	ATT.8017@HOTMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2627 N ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner Name:	NEW WORLD AUTOMOTIVE
Owner Type:	Other
Operator Name:	ALBERT TRAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

NEW WORLD AUTOMOTIVE (Continued) **1024829705**

Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2018-09-05 20:34:21.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: ALBERT TRAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2627 N ROSEMEAD BLVD
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-279-6770
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW WORLD AUTOMOTIVE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2627 N ROSEMEAD BLVD
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone: 626-279-6770
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2011-05-03 00:00:00.0
Handler Name: NEW WORLD AUTOMOTIVE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

NEW WORLD AUTOMOTIVE (Continued) **1024829705**

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H74
NNW
< 1/8
0.086 mi.
452 ft.

NEW WORLD AUTOMOTIVE
2627 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

CERS HAZ WASTE **S123531413**
CERS **N/A**

Site 12 of 18 in cluster H

Relative:
Higher

Actual:
242 ft.

CERS HAZ WASTE:
Name: NEW WORLD AUTOMOTIVE
Address: 2627 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 51686
CERS ID: 10285657
CERS Description: Hazardous Waste Generator

CERS:
Name: NEW WORLD AUTOMOTIVE
Address: 2627 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 51686
CERS ID: 10285657
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 51686
Site Name: NEW WORLD AUTOMOTIVE
Violation Date: 12-18-2015
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Returned to compliance on 05/18/2016. OBSERVATION: The business plan has not been updated and submitted to this department within 30 days of adding the following: new motor oil - 3x55-gal drums; transmission fluid - 1x55-gal drum; used oil filters - 1x55-gal drum. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 51686

NEW WORLD AUTOMOTIVE (Continued) **S123531413**

Site Name: NEW WORLD AUTOMOTIVE
Violation Date: 12-18-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 05/18/2016. OBSERVATION: Four empty 55-gal drums did not have labels. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 51686
Site Name: NEW WORLD AUTOMOTIVE
Violation Date: 12-18-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/18/2016. OBSERVATION: No HW labels on used oil tote, used oil filter and waste antifreeze drum. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 51686
Site Name: NEW WORLD AUTOMOTIVE
Violation Date: 12-18-2015
Citation: 22 CCR 16 66266.81(b) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(b)
Violation Description: Failure to properly manage, store, and label a damaged lead acid battery so as to minimize the release of acid and lead and to protect the environment.
Violation Notes: Returned to compliance on 05/18/2016. OBSERVATION: Generator failed to properly manage, store, and/or label a damaged lead acid batteries so as to minimize the release of acid and lead and to protect the environment. Spent lead-acid batteries were not placed inside a container while in storage. CORRECTIVE ACTION: Owner/Operator shall immediatly manage, store, and label all damaged lead-acid batteries in accordance with Title 22 regulations. Verify compliance to the CUPA within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

NEW WORLD AUTOMOTIVE (Continued) **S123531413**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-23-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Albert Tran, Owner. No significant violations observed at the time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-23-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Albert Tran, Owner. No significant violations observed at the time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	05-18-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS reviewed; HMBP submitted. NOV abated.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	05-18-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HW and empty containers properly labeled; batteries picked up for disposal. NOV abated.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Albert Tran, Owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Albert Tran, Owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

NEW WORLD AUTOMOTIVE (Continued) **S123531413**

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	ALBERT TRAN
Entity Title:	Not reported
Affiliation Address:	2627 N ROSEMEAD BLVD
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 279-6770

Affiliation Type Desc:	Parent Corporation
Entity Name:	NEW WORLD AUTOMOTIVE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	ALBERT TRAN
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000

Affiliation Type Desc:	Document Preparer
Entity Name:	Albert Tran
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	ALBERT TRAN
Entity Title:	Not reported
Affiliation Address:	7573 MOONEY DR.
Affiliation City:	ROSEMEAD
Affiliation State:	CA

NEW WORLD AUTOMOTIVE (Continued) **S123531413**

Affiliation Country: Not reported
Affiliation Zip: 91770
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2627 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: ALBERT TRAN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 279-6770

I75 **SOUTH CALIFORNIA PRODUCE** **HAZNET** **S106765664**
South **2450 ROSEMEAD BLVD** **WIP** **N/A**
< 1/8 **EL MONTE, CA 91733** **HWTS**
0.091 mi.
478 ft. **Site 8 of 13 in cluster I**

Relative:
Lower
Actual:
240 ft.

HAZNET:
Name: SOUTH CALIFORNIA PRODUCE
Address: 2450 ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: EL MONTE, CA 917331522
Contact: CHUAN H SOONG
Telephone: 6267160521
Mailing Name: Not reported
Mailing Address: 12240 KERRWOOD ST APT 4

Year: 2016
Gepaid: CAC002874969
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.627

WIP:
Name: HARRIS CONVEYOR RENTALS
Address: 2450 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1012
File Status: **Historical**

SOUTH CALIFORNIA PRODUCE (Continued) **S106765664**

Staff: AHSU
Facility Suite: Not reported

HWTS:
Name: SOUTH CALIFORNIA PRODUCE
Address: 2450 ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: EL MONTE, CA 917331522
EPA ID: CAC002874969
Inactive Date: 11/23/2016
Create Date: 08/23/2016
Last Act Date: 11/23/2016
Mailing Name: Not reported
Mailing Address: 12240 KERRWOOD ST APT 4
Mailing Address 2: Not reported
Mailing City,State,Zip: EL MONTE, CA 917322536
Owner Name: PAUL LEE
Owner Address: 12240 KERRWOOD ST APT 4
Owner Address 2: Not reported
Owner City,State,Zip: EL MONTE, CA 917322536
Contact Name: CHUAN H SOONG
Contact Address: 12240 KERRWOOD ST APT 4
Contact Address 2: Not reported
City,State,Zip: EL MONTE, CA 917322536

NAICS:
EPA ID: CAC002874969
Create Date: 2016-08-23 23:39:00.673
NAICS Code: 99999
NAICS Description: Not Otherwise Specified
Issued EPA ID Date: 2016-08-23 23:39:00.72000
Inactive Date: 2016-11-23 03:00:39.59700
Facility Name: SOUTH CALIFORNIA PRODUCE
Facility Address: 2450 ROSEMEAD BLVD
Facility Address 2: Not reported
Facility City: EL MONTE
Facility County: Not reported
Facility State: CA
Facility Zip: 917331522

I76
South
< 1/8
0.091 mi.
478 ft.

JC HAULING
2450 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 9 of 13 in cluster I

RCRA NonGen / NLR **1026042761**
CAC003048951

Relative:
Lower
Actual:
240 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2019-12-30 00:00:00.0
Handler Name: JC HAULING
Handler Address: 2450 ROSEMEAD BLVD
Handler City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAC003048951
Contact Name: JESUS CARDENAS
Contact Address: 504 N SLOAN AVE APT C
Contact City,State,Zip: COMPTON, CA 90221
Contact Telephone: 323-449-5272
Contact Fax: Not reported

JC HAULING (Continued) **1026042761**

Contact Email:	JCHAULING28@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	504 N SLOAN AVE APT C
Mailing City,State,Zip:	COMPTON, CA 90221
Owner Name:	JESUS CARDENAS
Owner Type:	Other
Operator Name:	JESUS CARDENAS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

JC HAULING (Continued) **1026042761**

Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2020-02-10 17:51:56.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: JESUS CARDENAS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 504 N SLOAN AVE APT C
Owner/Operator City,State,Zip: COMPTON, CA 90221
Owner/Operator Telephone: 323-449-5272
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JESUS CARDENAS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 504 N SLOAN AVE APT C
Owner/Operator City,State,Zip: COMPTON, CA 90221
Owner/Operator Telephone: 323-449-5272
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-12-30 00:00:00.0
Handler Name: JC HAULING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

JC HAULING (Continued) **1026042761**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K77	**VANSCO**	**CPS-SLIC**	**S106484621**
NNE	**2652 LASHBROOK AVE**	**CERS HAZ WASTE**	**N/A**
< 1/8	**SOUTH EL MONTE, CA 91733**	**WIP**	
0.093 mi.		**CERS**	
493 ft.	**Site 1 of 5 in cluster K**		

Relative: Higher

Actual: 245 ft.

CPS-SLIC:

Name:	VANSCO
Address:	2652 LASHBROOK AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/29/2014
Global Id:	SL603798811
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.06048
Longitude:	-118.061852
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.1654
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

Name:	VANSCO PRODUCTS
Address:	2652 LASHBROOK AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	80187
CERS ID:	10306678
CERS Description:	Hazardous Waste Generator

WIP:

Name:	VANSCO
Address:	2652 Lashbrook Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1654
File Status:	**Active**

VANSCO (Continued) **S106484621**

Staff: REHE
Facility Suite: Not reported

CERS:
Name: VANSCO
Address: 2652 LASHBROOK AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 245379
CERS ID: SL603798811
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

H78 **JLC CORPORATION DBA SUPERIOR PV AUTO BODY** **RCRA NonGen / NLR** **1024799766**
NNW **2637 N ROSEMEAD BLVD** **CAL000213767**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.096 mi.
506 ft. **Site 13 of 18 in cluster H**

Relative: **Higher**
Actual: **242 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2000-02-23 00:00:00.0
Handler Name: JLC CORPORATION DBA SUPERIOR PV AUTO BODY
Handler Address: 2637 N ROSEMEAD BLVD
Handler City,State,Zip: SOUTH EL MONTE, CA 91733-0000
EPA ID: CAL000213767
Contact Name: VINH LU
Contact Address: 2637 N ROSEMEAD BLVD
Contact City,State,Zip: SOUTH EL MONTE, CA 91733-1532
Contact Telephone: 626-401-2887
Contact Fax: 000-000-0000
Contact Email: SPVAUTOBODY@SBCGLOBAL.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 2637 N ROSEMEAD BLVD
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733-1532
Owner Name: JLC CORPORATION
Owner Type: Other
Operator Name: VINH LU
Operator Type: Other
Short-Term Generator Activity: No

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **1024799766**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:45:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **1024799766**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JLC CORPORATION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2637 N ROSEMEAD BLVD
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-401-2887
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VINH LU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2637 N ROSEMEAD BLVD
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733-1532
Owner/Operator Telephone:	626-401-2887
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-02-23 00:00:00.0
Handler Name:	JLC CORPORATION DBA SUPERIOR PV AUTO BODY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

H79 **NNW** **< 1/8** **0.096 mi.** **506 ft.**

SUPERIOR STD TRANSM & REAR END
2637 ROSEMEAD BLVD
EL MONTE, CA 91733

EDR Hist Auto **1021032618** **N/A**

Site 14 of 18 in cluster H

Relative: Higher
Actual: 242 ft.

EDR Hist Auto

Year:	Name:	Type:
1994	JONAH SPRING CO	Automotive Repair Shops, NEC
1994	SUPERIOR STD TRANSM & REAR	Automotive Transmission Repair Shops
1995	SUPERIOR STD TRANSM & REAR	Automotive Transmission Repair Shops
1995	JONAH SPRING CO	Automotive Repair Shops, NEC
1996	SUPERIOR STD TRANSM & REAR	Automotive Transmission Repair Shops
1996	JONAH SPRING CO	Automotive Repair Shops, NEC
1996	SUPERIOR TRANSM & REAR END	Automotive Transmission Repair Shops
1997	SUPERIOR TRANSM & REAR END	Automotive Transmission Repair Shops
1997	SUPERIOR STD TRANSM & REAR	Automotive Transmission Repair Shops
1997	JONAH SPRING CO	Automotive Repair Shops, NEC
1998	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2000	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2001	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2002	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2003	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2004	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2005	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2006	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2007	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2008	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2009	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2010	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2011	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2012	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2013	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops
2014	SUPERIOR STD TRANSM & REAR END	Automotive Transmission Repair Shops

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H80 **NNW** **< 1/8** **0.096 mi.** **506 ft.**

JLC CORPORATION DBA SUPERIOR PV AUTO BODY
2637 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

CERS HAZ WASTE **HAZNET** **CERS** **HWTS**

S113108306 **N/A**

Site 15 of 18 in cluster H

Relative: Higher
Actual: 242 ft.

CERS HAZ WASTE:

Name:	SUPERIOR PV AUTO BODY SHOP
Address:	2637 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	158336
CERS ID:	10265767
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	JLC CORPORATION DBA SUPERIOR PV AUTO BODY
Address:	2637 N ROSEMEAD BLVD
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331532
Contact:	VINH LU
Telephone:	6264012887
Mailing Name:	Not reported
Mailing Address:	2637 N ROSEMEAD BLVD

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Year: 2018
Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.02919

Year: 2018
Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.02520

Year: 2017
Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.11676

Year: 2017
Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.018

Year: 2015
Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1476

Year: 2015
Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1251

Year: 2013
Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.07506

Year: 2012
Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1908

Year: 2012

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.04

Year: 2009
Gepaid: CAL000213767
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.18

Click this hyperlink while viewing on your computer to access
7 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2005
Gen EPA ID: CAL000213767

Shipment Date: 20050722
Creation Date: 10/12/2005 18:35:03
Receipt Date: 20050722
Manifest ID: 24469185
Trans EPA ID: CAD008252405
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: CAD008252405
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAL000213767

Shipment Date: 20010730
Creation Date: 10/3/2001 0:00:00
Receipt Date: 20010730
Manifest ID: 20931352
Trans EPA ID: CAD008252405
Trans Name: Not reported

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1908
Waste Quantity:	53
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000213767

Shipment Date:	20150605
Creation Date:	1/20/2016 22:15:43
Receipt Date:	20150605
Manifest ID:	014549970JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1476
Waste Quantity:	41
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150529
Creation Date:	11/9/2015 22:15:17
Receipt Date:	20150529
Manifest ID:	014549734JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAL000213767

Shipment Date: 20071105
Creation Date: 4/16/2008 18:30:18
Receipt Date: 20071105
Manifest ID: 003324870JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAL000213767

Shipment Date: 20130118
Creation Date: 6/19/2013 22:15:16
Receipt Date: 20130118
Manifest ID: 010726095JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.07506
Waste Quantity: 18
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAL000213767

Shipment Date: 20120109
Creation Date: 6/12/2012 20:30:09
Receipt Date: 20120109
Manifest ID: 008716869JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1908
Waste Quantity: 53
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120109
Creation Date: 6/12/2012 20:30:09
Receipt Date: 20120109
Manifest ID: 008716869JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAL000213767

Shipment Date: 20021204
Creation Date: 4/1/2003 18:31:07
Receipt Date: 20021204
Manifest ID: 21951217
Trans EPA ID: CAD008252405
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020628
Creation Date: 9/18/2002 18:31:39
Receipt Date: 20020628
Manifest ID: 21647912
Trans EPA ID: CAD008252405
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1836
Waste Quantity: 51
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAL000213767

Shipment Date: 20080612
Creation Date: 11/18/2008 18:30:08
Receipt Date: 20080612
Manifest ID: 003934425JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.1908
Waste Quantity: 53
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAL000213767

Shipment Date: 20170609
Creation Date: 7/12/2018 18:30:13
Receipt Date: 20170609
Manifest ID: 016998431JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.11676
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170609
Creation Date: 7/12/2018 18:30:13
Receipt Date: 20170609
Manifest ID: 016998431JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.018
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAL000213767

Shipment Date: 20040507
Creation Date: 10/15/2004 10:47:43
Receipt Date: 20040507
Manifest ID: 22944637
Trans EPA ID: CAD008252405
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: CAD008252405
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Additional Info:

Year:	2000
Gen EPA ID:	CAL000213767
Shipment Date:	20001012
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20001020
Manifest ID:	20498018
Trans EPA ID:	CAR000036129
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000223
Creation Date:	4/28/2000 0:00:00
Receipt Date:	20000223
Manifest ID:	99383103
Trans EPA ID:	CAR000036129
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000213767

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Shipment Date: 20090609
Creation Date: 11/25/2009 18:30:38
Receipt Date: 20090609
Manifest ID: 005769346JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: SUPERIOR PV AUTO BODY SHOP
Address: 2637 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 158336
CERS ID: 10265767
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 158336
Site Name: SUPERIOR PV AUTO BODY SHOP
Violation Date: 07-07-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 07/28/2020. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA within 30 days. On an ongoing basis, electronically submit and certify the business plan annually on or before the annual due date. Please update the CERS inventory by adding waste paint filters & waste paint (water-based).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 158336
Site Name: SUPERIOR PV AUTO BODY SHOP
Violation Date: 03-20-2017

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 06/13/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 158336
Site Name: SUPERIOR PV AUTO BODY SHOP
Violation Date: 03-20-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 05/24/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Superior PV Auto Body Shop
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Superior PV Auto Body Shop
Eval Division: Los Angeles County Fire Department

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Jon Lee, estimator
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jon Lee, estimator
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: epa active.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: need newer manifest
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-13-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: operator on 6/12/17 this is the Manifest update
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-06-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	John Lee, estimator
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	VINH LU
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	VINH LU
Entity Title:	Not reported
Affiliation Address:	2637 N ROSEMEAD BLVD
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 401-2887

Affiliation Type Desc:	Parent Corporation
Entity Name:	SUPERIOR PV AUTO BODY SHOP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000

Affiliation Type Desc:	Environmental Contact
Entity Name:	JONATHAN LU
Entity Title:	Not reported
Affiliation Address:	2637 N ROSEMEAD BLVD
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: JLC CORPORATION SUPERIOR PV AUTO BODY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 401-2887

Affiliation Type Desc: Identification Signer
Entity Name: VINH LU
Entity Title: CEO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2637 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

HWTS:
Name: JLC CORPORATION DBA SUPERIOR PV AUTO BODY
Address: 2637 N ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAL000213767
Inactive Date: Not reported
Create Date: 02/23/2000
Last Act Date: 08/05/2020
Mailing Name: Not reported
Mailing Address: 2637 N ROSEMEAD BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917331532
Owner Name: JLC CORPORATION
Owner Address: 2637 N ROSEMEAD BLVD
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Name: VINH LU
Contact Address: 2637 N ROSEMEAD BLVD
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331532

NAICS:

JLC CORPORATION DBA SUPERIOR PV AUTO BODY (Continued) **S113108306**

EPA ID:	CAL000213767
Create Date:	2002-03-14 16:36:29.000
NAICS Code:	811121
NAICS Description:	Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date:	2000-02-23 00:00:00
Inactive Date:	Not reported
Facility Name:	JLC CORPORATION DBA SUPERIOR PV AUTO BODY
Facility Address:	2637 N ROSEMEAD BLVD
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917330000

H81
NNW
< 1/8
0.096 mi.
506 ft.

SUPERIOR AUTO PARTS & TRANSM.
2637 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

WIP **S106766003** **N/A**

Site 16 of 18 in cluster H

Relative: Higher
Actual: 242 ft.

WIP:

Name:	SUPERIOR AUTO PARTS & TRANSM.
Address:	2637 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1566
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

F82
SE
< 1/8
0.097 mi.
511 ft.

RAYPACK, INC.
2410 & 2416 CHICO AVE.
SOUTH EL MONTE, CA 91733

CPS-SLIC **S118504566**
CERS **N/A**

Site 4 of 4 in cluster F

Relative: Higher
Actual: 244 ft.

CPS-SLIC:

Name:	RAYPACK, INC.
Address:	2410 & 2416 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/28/2015
Global Id:	SL603798771
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0558950270876
Longitude:	-118.05972610318
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.0807
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported

RAYPACK, INC. (Continued) **S118504566**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	RAYPACK, INC.
Address:	2410 & 2416 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	204072
CERS ID:	SL603798771
CERS Description:	Cleanup Program Site

K83 **ROCAM, INC.** **WIP** **S106766101**
NNE **2655 LASHBROOK AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.098 mi.
516 ft. **Site 2 of 5 in cluster K**

Relative: Higher
Actual: 244 ft.

WIP:

Name:	ROCAM, INC.
Address:	2655 Lashbrook Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1711
File Status:	**Historical**
Staff:	YLU
Facility Suite:	Not reported

L84 **RAYPACK, INC.** **WIP** **S106484581**
SE **2416 CHICO AVE** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.102 mi.
540 ft. **Site 1 of 15 in cluster L**

Relative: Higher
Actual: 244 ft.

WIP:

Name:	RAYPACK, INC.
Address:	2416 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0807
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

L85 **COIT DRAPERY CLEANERS INC** **CPS-SLIC** **U001569446**
SE **2411 CHICO AVENUE** **HIST UST** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733** **WIP**
0.105 mi.
554 ft. **Site 2 of 15 in cluster L**

Relative: Higher
Actual: 243 ft.

CPS-SLIC:

Name:	COIT DRAPERY CLEANERS INC.
Address:	2411 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733

COIT DRAPERY CLEANERS INC (Continued) **U001569446**

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 05/15/1987
Global Id: T10000016102
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.05571
Longitude: -118.06119
Case Type: Cleanup Program Site
Case Worker: WIP
Local Agency: Not reported
RB Case Number: 107.0088
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:
Name: COIT DRAPERY CLEANERS INC
Address: 2411 CHICO AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 00027310
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027310.pdf
Region: STATE
Facility ID: 00000061290
Facility Type: Not reported
Other Type: CLEANERS
Contact Name: DEAN SPENCER - CONTROLLER
Telephone: 8183506908
Owner Name: COIT DRAPERY CLEANERS INC.
Owner Address: 2411 CHICO AVENUE
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

WIP:
Name: COIT DRAPERY CLEANERS INC.
Address: 2411 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0088
File Status: **Historical**
Staff: CRS
Facility Suite: Not reported

COIT DRAPERY CLEANERS INC (Continued) **U001569446**

Name: VICTORIAN CEMENT PRODUCTS
Address: 2411 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2210
File Status: **Historical**
Staff: DKOO
Facility Suite: Not reported

L86
SE
< 1/8
0.105 mi.
554 ft.

COIT DRAPERY CLEANERS INC
2411 CHICO AVE
EL MONTE, CA 91733

EDR Hist Cleaner **1018484485**
N/A

Site 3 of 15 in cluster L

Relative: **Higher**
Actual: **243 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
1986	COIT DRAPERY CLEANERS INC	Drycleaning Plants, Except Rugs
1986	COIT DRAPERY & CARPETING	Drycleaning Plants, Except Rugs
1987	COIT DRAPERY & CARPETING	Drycleaning Plants, Except Rugs
1987	COIT DRAPERY & CARPET CLEANE	Carpet And Upholstery Cleaning

---

L87
SE
< 1/8
0.105 mi.
554 ft.

COIT DRAPERY & CARPET CLEANERS INC
2411 CHICO AVE
SOUTH EL MONTE, CA 91733

DRYCLEANERS **S121697190**
N/A

Site 4 of 15 in cluster L

Relative: **Higher**
Actual: **243 ft.**

DRYCLEAN SOUTH COAST:

Name: COIT DRAPERY & CARPET CLEANERS INC
Address: 2411 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: 35077
Application Number: C43618
Permit Number: M33664
Status: O
Representative Name: WILLIAM D. SPENCER
Representative Telephone: 213 3506908
Permit Status: INACTIVE
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: 02
CCAT Description: ADSORBER (DRY CLEANING) REGENERATIVE
UTM East: 0
UTM North: 0
Application Date: 07/01/1982
PO Issue Date: 10/14/1983
NAICS Code: 561740
SIC Code: 7216

Name: COIT DRAPERY & CARPET CLEANERS INC
Address: 2411 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: 35077
Application Number: 145016

COIT DRAPERY & CARPET CLEANERS INC (Continued) **S121697190**

Permit Number: M51932
Status: O
Representative Name: WILLIAM D. SPENCER
Representative Telephone: 213 3506908
Permit Status: INACTIVE
BCAT Number: 000236
BCAT Description: DRY CLEANING EQUIP FLUOROCARBON
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 0
UTM North: 0
Application Date: 05/24/1986
PO Issue Date: 08/19/1986
NAICS Code: 561740
SIC Code: 7216

Name: COIT DRAPERY & CARPET CLEANERS INC
Address: 2411 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: 35077
Application Number: 145189
Permit Number: Not reported
Status: O
Representative Name: WILLIAM D. SPENCER
Representative Telephone: 213 3506908
Permit Status: Not reported
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 0
UTM North: 0
Application Date: 06/03/1986
PO Issue Date: 12/31/9999
NAICS Code: 561740
SIC Code: 7216

H88
NW
< 1/8
0.105 mi.
556 ft.

KECK AND SCHMIDT TOOL AND DIE
2610 TROY AVE
S EL MONTE, CA 91733

Site 17 of 18 in cluster H

RCRA-SQG **HAZNET** **HWTS** — **1004675845** **CAR000077735**

Relative: **Lower**
Actual: **240 ft.**

RCRA-SQG:
Date Form Received by Agency: 2000-06-30 00:00:00.0
Handler Name: KECK AND SCHMIDT TOOL AND DIE
Handler Address: 2610 TROY AVE
Handler City,State,Zip: S EL MONTE, CA 91733
EPA ID: CAR000077735
Contact Name: RON KECK
Contact Address: 2610 TROY AVE
Contact City,State,Zip: S EL MONTE, CA 91733
Contact Telephone: 626-579-3890
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2610 TROY AVE
Mailing City,State,Zip:	S EL MONTE, CA 91733
Owner Name:	DIETER KECK
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2002-10-07 16:36:44.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: DIETER KECK
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1223 SAGA
Owner/Operator City,State,Zip: GLENDORA, CA 91741
Owner/Operator Telephone: 626-963-7615
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2000-06-30 00:00:00.0
Handler Name: KECK AND SCHMIDT TOOL AND DIE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

HAZNET:

Name:	KECK AND SCHMIDT TOOL AND DIE
Address:	2610 TROY AVE
Address 2:	Not reported
City,State,Zip:	S EL MONTE, CA 917330000
Contact:	RON KECK PRODUCTION MANAGER
Telephone:	6265793890
Mailing Name:	Not reported
Mailing Address:	2610 TROY AVE

Year:	2018
Gepaid:	CAR000077735
TSD EPA ID:	CAT000613935
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.16800

Year:	2017
Gepaid:	CAR000077735
TSD EPA ID:	CAT000613935
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.588

Year:	2016
Gepaid:	CAR000077735
TSD EPA ID:	CAT000613935
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.315

Year:	2015
Gepaid:	CAR000077735
TSD EPA ID:	CAT000613935
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.357

Year:	2014
Gepaid:	CAR000077735
TSD EPA ID:	CAT000613935
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3486

Year:	2013
Gepaid:	CAR000077735

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.357

Year: 2013
Gepaid: CAR000077735
TSD EPA ID: CAT000613935
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.105

Year: 2012
Gepaid: CAR000077735
TSD EPA ID: CAT000613935
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.126

Year: 2012
Gepaid: CAR000077735
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2184

Year: 2011
Gepaid: CAR000077735
TSD EPA ID: CAT000613935
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.294

Click this hyperlink while viewing on your computer to access
13 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2015
Gen EPA ID: CAR000077735

Shipment Date: 20150929
Creation Date: 12/2/2015 22:15:28
Receipt Date: 20150929
Manifest ID: 004986070SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150609
Creation Date: 8/28/2015 22:15:07
Receipt Date: 20150609
Manifest ID: 004933874SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150217
Creation Date: 5/20/2015 22:15:07
Receipt Date: 20150217
Manifest ID: 004634852SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000077735

Shipment Date:	20131127
Creation Date:	2/24/2014 22:15:23
Receipt Date:	20131127
Manifest ID:	004066551SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130812
Creation Date:	2/12/2014 22:15:06
Receipt Date:	20130815
Manifest ID:	003713952SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130426
Creation Date: 8/23/2013 22:15:06
Receipt Date: 20130501
Manifest ID: 003402258SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130102
Creation Date: 5/8/2013 22:15:17
Receipt Date: 20130107
Manifest ID: 003081344SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAR000077735

Shipment Date: 20031113
Creation Date: 8/5/2004 10:07:02
Receipt Date: 20031114
Manifest ID: 22791459
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1176
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030922
Creation Date: 8/2/2004 9:38:39
Receipt Date: 20030923
Manifest ID: 22528952
Trans EPA ID: TXR000050930
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1092
Waste Quantity: 26
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030801
Creation Date: 7/23/2004 13:22:40
Receipt Date: 20030804

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Manifest ID:	22873575
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2184
Waste Quantity:	52
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030604
Creation Date:	6/22/2004 9:47:57
Receipt Date:	20030605
Manifest ID:	22376255
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2436
Waste Quantity:	58
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030411
Creation Date:	6/21/2003 18:30:56
Receipt Date:	20030414
Manifest ID:	22445472
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030213
Creation Date: 5/18/2003 14:30:16
Receipt Date: 20030214
Manifest ID: 22429791
Trans EPA ID: TXR000050930
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAR000077735

Shipment Date: 20171211
Creation Date: 8/3/2018 18:30:42
Receipt Date: 20171211
Manifest ID: 006363878SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.168

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170824
Creation Date: 7/30/2018 18:30:20
Receipt Date: 20170824
Manifest ID: 006054900SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170502
Creation Date: 5/9/2018 18:32:51
Receipt Date: 20170502
Manifest ID: 005797572SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Shipment Date:	20170109
Creation Date:	3/24/2017 18:31:58
Receipt Date:	20170109
Manifest ID:	005253105SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAR000077735

Shipment Date:	20001204
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001204
Manifest ID:	20379224
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001011
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20001011
Manifest ID:	20293575

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2226
Waste Quantity: 53
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000816
Creation Date: 10/23/2000 0:00:00
Receipt Date: 20000816
Manifest ID: 20191444
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1176
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAR000077735

Shipment Date: 20021023
Creation Date: 2/6/2003 18:31:16
Receipt Date: 20021024
Manifest ID: 22055171
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0924
Waste Quantity: 22
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020830
Creation Date: 1/31/2003 15:02:08
Receipt Date: 20020903
Manifest ID: 21900634
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020703
Creation Date: 8/29/2002 18:31:58
Receipt Date: 20020708
Manifest ID: 21732322
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020510
Creation Date: 7/29/2002 18:41:42
Receipt Date: 20020513
Manifest ID: 21590816
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0924
Waste Quantity: 22
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020114
Creation Date: 2/20/2002 0:00:00
Receipt Date: 20020115
Manifest ID: 21482136
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0924
Waste Quantity: 22
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAR000077735

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Shipment Date: 20071205
Creation Date: 5/5/2008 18:30:17
Receipt Date: 20071205
Manifest ID: 000835312SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071010
Creation Date: 3/18/2008 18:30:12
Receipt Date: 20071010
Manifest ID: 000785169SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070824
Creation Date: 3/4/2008 18:30:34
Receipt Date: 20070824
Manifest ID: 000859217SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070710
Creation Date: 2/4/2008 18:30:32
Receipt Date: 20070710
Manifest ID: 000458585SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070515
Creation Date: 12/20/2007 18:30:14
Receipt Date: 20070515
Manifest ID: 000315157SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070320
Creation Date: 8/11/2007 18:30:05
Receipt Date: 20070320
Manifest ID: 000393955SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070123
Creation Date: 8/9/2007 18:30:32
Receipt Date: 20070123
Manifest ID: 000348523SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC 000798
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAR000077735

Shipment Date: 20141028
Creation Date: 1/26/2015 22:15:11
Receipt Date: 20141028
Manifest ID: 004536370SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1176
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140709
Creation Date: 9/23/2014 22:15:24
Receipt Date: 20140709
Manifest ID: 004310252SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Shipment Date: 20140318
Creation Date: 5/20/2014 22:14:51
Receipt Date: 20140318
Manifest ID: 004086651SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAR000077735

Shipment Date: 20101101
Creation Date: 1/27/2011 18:30:07
Receipt Date: 20101101
Manifest ID: 003651536FLE
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1176
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100708
Creation Date: 9/30/2010 18:30:48
Receipt Date: 20100708

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Manifest ID: 002434695SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1008
Waste Quantity: 24
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAR000077735

Shipment Date: 20120913
Creation Date: 10/31/2012 22:15:23
Receipt Date: 20120913
Manifest ID: 003419610SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120523
Creation Date: 5/29/2013 22:15:15
Receipt Date: 20120529
Manifest ID: 003047683SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0924
Waste Quantity: 22
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120130
Creation Date: 6/27/2012 20:30:16
Receipt Date: 20120202
Manifest ID: 002778687SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAR000077735

Shipment Date: 20111013
Creation Date: 3/26/2012 20:30:13
Receipt Date: 20111018
Manifest ID: 002792411SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1008
Waste Quantity: 24
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110620
Creation Date: 7/23/2011 18:30:32
Receipt Date: 20110620
Manifest ID: 004246974FLE
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110224
Creation Date: 5/5/2011 18:30:26
Receipt Date: 20110224
Manifest ID: 002607922SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAR000077735

Shipment Date: 20090728
Creation Date: 10/20/2009 18:30:23
Receipt Date: 20090728
Manifest ID: 002079975SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090605
Creation Date: 8/3/2009 18:30:20
Receipt Date: 20090605
Manifest ID: 001845473SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1008
Waste Quantity: 24
Quantity Unit: G

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090408
Creation Date:	6/4/2009 18:30:08
Receipt Date:	20090408
Manifest ID:	001675923SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090211
Creation Date:	4/3/2009 18:30:27
Receipt Date:	20090211
Manifest ID:	000895293SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.189
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Info:
Year: 2005
Gen EPA ID: CAR000077735

Shipment Date: 20051212
Creation Date: 7/12/2006 18:32:38
Receipt Date: 20051212
Manifest ID: 24611089
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050826
Creation Date: 4/13/2006 18:47:49
Receipt Date: 20050829
Manifest ID: 23682917
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050628
Creation Date: 9/16/2005 18:31:41
Receipt Date: 20050630
Manifest ID: 24502420
Trans EPA ID: TXR000050930

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050510
Creation Date: 8/24/2005 7:27:35
Receipt Date: 20050511
Manifest ID: 24490058
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1134
Waste Quantity: 27
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050318
Creation Date: 6/1/2005 18:31:04
Receipt Date: 20050328
Manifest ID: 23663132
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050119
Creation Date:	4/20/2006 18:30:56
Receipt Date:	20050124
Manifest ID:	23650799
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000077735

Shipment Date:	20150929
Creation Date:	12/2/2015 22:15:28
Receipt Date:	20150929
Manifest ID:	004986070SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150609
Creation Date: 8/28/2015 22:15:07
Receipt Date: 20150609
Manifest ID: 004933874SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150217
Creation Date: 5/20/2015 22:15:07
Receipt Date: 20150217
Manifest ID: 004634852SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Info:

Year:	2008
Gen EPA ID:	CAR000077735
Shipment Date:	20081218
Creation Date:	4/16/2009 18:30:10
Receipt Date:	20081219
Manifest ID:	000886750SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081030
Creation Date:	3/24/2009 18:30:28
Receipt Date:	20081031
Manifest ID:	001469088SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080716
Creation Date:	11/14/2008 18:30:08
Receipt Date:	20080717

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Manifest ID:	001128101SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080520
Creation Date:	10/1/2008 18:30:17
Receipt Date:	20080521
Manifest ID:	001141234SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080327
Creation Date:	8/7/2008 18:30:28
Receipt Date:	20080328
Manifest ID:	000937621SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080131
Creation Date: 6/25/2008 18:30:15
Receipt Date: 20080201
Manifest ID: 000981762SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAR000077735

Shipment Date: 20041124
Creation Date: 1/28/2005 18:31:06
Receipt Date: 20041130
Manifest ID: 23724747
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1176
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040930
Creation Date: 1/6/2005 18:32:03
Receipt Date: 20041001
Manifest ID: 23715690
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0798
Waste Quantity: 19
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040805
Creation Date: 11/5/2004 18:30:59
Receipt Date: 20040809
Manifest ID: 23509458
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0924
Waste Quantity: 22
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Code 5:	Not reported
Shipment Date:	20040607
Creation Date:	10/29/2004 7:40:51
Receipt Date:	20040607
Manifest ID:	23506393
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1218
Waste Quantity:	29
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040416
Creation Date:	10/14/2004 7:49:48
Receipt Date:	20040419
Manifest ID:	23478591
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1176
Waste Quantity:	28
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040220
Creation Date:	9/10/2004 8:42:02
Receipt Date:	20040223
Manifest ID:	23015102
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040108
Creation Date: 8/12/2004 8:09:46
Receipt Date: 20040109
Manifest ID: 22590572
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1176
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAR000077735

Shipment Date: 20061128
Creation Date: 3/30/2007 13:33:02
Receipt Date: 20061128
Manifest ID: 000230649CEX
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC 000798
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061005
Creation Date:	3/30/2007 13:31:29
Receipt Date:	20061005
Manifest ID:	001787699JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060728
Creation Date:	9/17/2006 18:32:06
Receipt Date:	20060728
Manifest ID:	25026443
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060602
Creation Date: 8/24/2006 18:33:57
Receipt Date: 20060602
Manifest ID: 23675450
Trans EPA ID: TXR000050930
Trans Name: SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060404
Creation Date: 12/21/2006 18:30:30
Receipt Date: 20060404
Manifest ID: 24618628
Trans EPA ID: TXR000050930
Trans Name: SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060208
Creation Date: 5/5/2006 18:31:40
Receipt Date: 20060208
Manifest ID: 24616296

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAR000077735

Shipment Date: 20011105
Creation Date: 12/17/2001 0:00:00
Receipt Date: 20011106
Manifest ID: 21374628
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010910
Creation Date: 10/23/2001 0:00:00
Receipt Date: 20010911
Manifest ID: 21451646
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010719
Creation Date: 10/1/2001 0:00:00
Receipt Date: 20010720
Manifest ID: 21103772
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0966
Waste Quantity: 23
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010521
Creation Date: 7/10/2001 0:00:00
Receipt Date: 20010521
Manifest ID: 20643864
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G

KECK AND SCHMIDT TOOL AND DIE (Continued) **1004675845**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: KECK AND SCHMIDT TOOL AND DIE
Address: 2610 TROY AVE
Address 2: Not reported
City,State,Zip: S EL MONTE, CA 917330000
EPA ID: CAR000077735
Inactive Date: 06/30/2015
Create Date: 04/03/2001
Last Act Date: 01/27/2016
Mailing Name: RON KECK
Mailing Address: 2610 TROY AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: S EL MONTE, CA 917330000
Owner Name: KECK & SCHMIDT TOOL & DIE COMP
Owner Address: 2610 TROY AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact Name: RON KECK PRODUCTION MANAGER
Contact Address: 1744 WINSTON AVE
Contact Address 2: Not reported
City,State,Zip: UPLAND, CA 917840000

NAICS:
EPA ID: CAR000077735
Create Date: 2003-03-14 13:16:46.000
NAICS Code: 333414
NAICS Description: Heating Equipment (except Warm Air Furnaces) Manufacturing
Issued EPA ID Date: 2001-04-03 00:00:00
Inactive Date: 2015-06-30 00:00:00
Facility Name: KECK AND SCHMIDT TOOL AND DIE
Facility Address: 2610 TROY AVE
Facility Address 2: Not reported
Facility City: S EL MONTE
Facility County: Not reported
Facility State: CA
Facility Zip: 917330000

H89
NW
< 1/8
0.105 mi.
556 ft.

KECK & SCHMIDT TOOL & DIE SHOP
2610 TROY AVE
SOUTH EL MONTE, CA 91733

CERS HAZ WASTE **S106765723**
WIP **N/A**
CERS

Site 18 of 18 in cluster H

Relative:
Lower

Actual:
240 ft.

CERS HAZ WASTE:
Name: KECK & SCHMIDT TOOL & DIE CO
Address: 2610 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 41235
CERS ID: 10286716
CERS Description: Hazardous Waste Generator

KECK & SCHMIDT TOOL & DIE SHOP (Continued) **S106765723**

WIP:
Name: KECK & SCHMIDT TOOL & DIE SHOP
Address: 2610 Troy Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1109
File Status: **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: KECK & SCHMIDT TOOL & DIE CO
Address: 2610 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 41235
CERS ID: 10286716
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 41235
Site Name: KECK & SCHMIDT TOOL & DIE CO
Violation Date: 07-16-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 07/16/2019. OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency. (COS) CORRECTED ON SITE
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 41235
Site Name: KECK & SCHMIDT TOOL & DIE CO
Violation Date: 07-16-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 07/16/2019. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days. (COS) CORRECTED ON SITE
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 41235

KECK & SCHMIDT TOOL & DIE SHOP (Continued) **S106765723**

Site Name: KECK & SCHMIDT TOOL & DIE CO
Violation Date: 07-10-2015
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 41235
Site Name: KECK & SCHMIDT TOOL & DIE CO
Violation Date: 07-16-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 07/16/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. (COS) CORRECTED ON SITE
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 41235
Site Name: KECK & SCHMIDT TOOL & DIE CO
Violation Date: 07-10-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/16/2019.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 41235
Site Name: KECK & SCHMIDT TOOL & DIE CO
Violation Date: 07-10-2015
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 12/20/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 41235
Site Name: KECK & SCHMIDT TOOL & DIE CO

KECK & SCHMIDT TOOL & DIE SHOP (Continued) **S106765723**

Violation Date:	07-10-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 12/20/2017.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	41235
Site Name:	KECK & SCHMIDT TOOL & DIE CO
Violation Date:	07-16-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 07/16/2019. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content. (COS) CORRECTED ON SITE
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	02-20-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS issues still pending.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-07-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	No CERS compliance.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-10-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	PETE KECK, OWNER
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP

KECK & SCHMIDT TOOL & DIE SHOP (Continued) **S106765723**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: PETE KECK,OWNER
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Ron Keck, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Ron Keck, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: no inventory, map or plan. Emailed the operator to correct the issues.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-21-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: no cers sign up.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown

KECK & SCHMIDT TOOL & DIE SHOP (Continued) **S106765723**

Eval Date: 10-21-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: no manifest yet.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: manifest 006363878sks.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: no CERS yet.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Denise Keck
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: RON KECK
Entity Title: Not reported
Affiliation Address: 2610 TROY AVE
Affiliation City: South EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Denise Keck
Entity Title: Corp Secretary
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

KECK & SCHMIDT TOOL & DIE SHOP (Continued) **S106765723**

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2610 TROY AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: DIETER J KECK
Entity Title: Not reported
Affiliation Address: 2610 TROY AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 963-7615

Affiliation Type Desc: Operator
Entity Name: DIETER J KECK
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 579-3890

Affiliation Type Desc: Parent Corporation
Entity Name: KECK & SCHMIDT TOOL & DIE CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Dieter Keck
Entity Title: Not reported
Affiliation Address: 2610 Troy Ave.
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States

KECK & SCHMIDT TOOL & DIE SHOP (Continued) **S106765723**

Affiliation Zip: 91733
Affiliation Phone: (626) 579-3890

L90
ESE
< 1/8
0.107 mi.
563 ft.

A & R LUGGAGE
9605 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

Site 5 of 15 in cluster L

WIP **S106766196**
N/A

Relative:
Higher

Actual:
244 ft.

WIP:

Name:	A & R LUGGAGE
Address:	9605 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.2189
File Status:	**Historical**
Staff:	BPONEK
Facility Suite:	Not reported

L91
SE
< 1/8
0.110 mi.
583 ft.

J. P. MILLER COMPANY INC.
2410 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 6 of 15 in cluster L

WIP **S106766192**
N/A

Relative:
Higher

Actual:
243 ft.

WIP:

Name:	J. P. MILLER COMPANY INC.
Address:	2410 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.2182
File Status:	**Historical**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

I92
South
< 1/8
0.112 mi.
589 ft.

UNITED METAL FABRICATION
2434 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 10 of 13 in cluster I

WIP **S106766054**
N/A

Relative:
Lower

Actual:
239 ft.

WIP:

Name:	UNITED METAL FABRICATION
Address:	2434 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1636
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

K93 **NNE** **< 1/8** **0.113 mi.** **599 ft.**

YON MING AUTO CO., INC.
2656 LASHBROOK AVE
SOUTH EL MONTE, CA 91733

Site 3 of 5 in cluster K

Database(s): **WIP**
EDR ID Number: **S102813900**
EPA ID Number: **N/A**

Relative: **Higher**
Actual: **245 ft.**

WIP:

Name:	YON MING AUTO CO., INC.
Address:	2656 Lashbrook Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0924
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

K94 **NNE** **< 1/8** **0.113 mi.** **599 ft.**

SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC
2656 LASHBROOK AVE
SOUTH EL MONTE, CA 91733

Site 4 of 5 in cluster K

Database(s): **CERS HAZ WASTE**, **HAZNET**, **CERS**, **HWTS**
EDR ID Number: **S113798931**
EPA ID Number: **N/A**

Relative: **Higher**
Actual: **245 ft.**

CERS HAZ WASTE:

Name:	E CENTURY AUTO BODY AND PAINT
Address:	2656 LASHBROOK AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	113181
CERS ID:	10266262
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC
Address:	2656 LASHBROOK AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact:	VI KEVIN V NGO/PRES
Telephone:	6267861886
Mailing Name:	Not reported
Mailing Address:	2656 LASHBROOK AVE
Year:	2012
Gepaid:	CAL000358097
TSD EPA ID:	CAD980887418
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.15

Additional Info:

Year:	2012
Gen EPA ID:	CAL000358097
Shipment Date:	20120215
Creation Date:	4/11/2012 20:30:13
Receipt Date:	20120221
Manifest ID:	006660976JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES

SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC (Continued) **S113798931**

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980887418
Trans Name: EVERGREEN OIL INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: E CENTURY AUTO BODY AND PAINT
Address: 2656 LASHBROOK AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 113181
CERS ID: 10266262
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 113181
Site Name: E CENTURY AUTO BODY AND PAINT
Violation Date: 02-19-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/10/2017. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Reportable Haz Mat: Oxygen, acetylene, argon-CO2: 1 cylinder each; motor oil (1x100-gal tank)
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 113181
Site Name: E CENTURY AUTO BODY AND PAINT
Violation Date: 02-19-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/19/2016. OBSERVATION: Owner/Operator failed to obtain or maintain an active permit. CORRECTIVE ACTION: Every business or business concern within the jurisdiction of the

SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC (Continued) **S113798931**

LACoCUPA and subject to one or more of the program elements shall be required to apply for, pay the permit fees, and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. The permit required under this section shall be posted and conspicuously displayed at the location falling under the requirements of this chapter. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 113181
Site Name: E CENTURY AUTO BODY AND PAINT
Violation Date: 02-19-2016
Citation: 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8
Violation Description: Failure of the generator to prepare a hazardous waste management performance report every four years. The report shall contain sufficient detail to convey an understanding of the hazardous waste management approaches used at the site, using narratives, photographs, illustrations, figures or data as necessary, which includes, at a minimum, all of the following: 1) Name and location of the site 2) Four digit SIC code(s) for the site 3) All of the following information for each waste stream identified: A) An estimate, in pounds, of the quantity of hazardous waste generated and the quantity of hazardous waste managed, both onsite and offsite, during the current reporting year and the baseline year; B) A description of current hazardous waste management approaches and identification of all approaches implemented since the baseline year; C) An assessment of the effect, since the baseline year, of each implemented hazardous waste management approach on the weight of hazardous waste generated, the properties which cause it to be classified as a hazardous waste and/or the onsite and offsite management of hazardous waste. The report shall consider, but shall not be limited to all of the following approaches: 1. Source reduction; 2. Onsite or offsite recycling; 3. Onsite or offsite treatment; and D) A description of factors during the current reporting year that have affected hazardous waste generation and onsite and offsite hazardous waste management since the baseline year, including, but not limited to, any of the following: 1. Changes in business activity; 2. Changes in waste classification; 3. Natural phenomena and; 4. Other factors that have affected either the quantity of hazardous waste generated or onsite and offsite hazardous waste management requirements.
Violation Notes: Returned to compliance on 08/10/2017. OBSERVATION: One 55-gal drum of waste primer near spray booth did not have a label. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC (Continued) **S113798931**

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 113181
Site Name: E CENTURY AUTO BODY AND PAINT
Violation Date: 02-19-2016
Citation: 22 CCR 31 67100.9 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.9
Violation Description: Failure of the generator to prepare a summary progress report (Form # 1262 titled, G Summary Progress ReportG) and submit it to the Department of Toxic Substances Control every four years thereafter.
Violation Notes: Returned to compliance on 08/10/2017. OBSERVATION: One 55-gal drum of waste primer near spray booth was stored over 180 days. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA by [date, 30 days from now].
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 113181
Site Name: E CENTURY AUTO BODY AND PAINT
Violation Date: 02-19-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/19/2016. OBSERVATION: The Owner/Operator failed to obtain or no longer has an active hazardous waste generator permit. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new or renewed hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. Upon receipt of full payment from a unified program facility for all the annual fees, including previous unpaid annual fees, any late payment penalties and [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 113181
Site Name: E CENTURY AUTO BODY AND PAINT
Violation Date: 02-26-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/03/2020. OBSERVATION: The business failed

SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC (Continued) **S113798931**

to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. Observed incomplete submittal, per manager the business is struggling with the difficult submittal process. advised to contact Data Ops office for help. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA within 30 days. On an ongoing basis, electronically submit and certify the business plan annually on or before the annual due date.

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 113181
Site Name: E CENTURY AUTO BODY AND PAINT
Violation Date: 02-19-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 02/23/2019. OBSERVATION: The business failed to complete and electronically submit a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Complete and electronically submit a business plan. Reportable Haz Mat: Oxygen, acetylene, argon-CO2: 1 cylinder each; motor oil (1x100-gal tank)
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Jimmy Tan
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jimmy Tan
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed, no HMBP submitted; NOV re-sent to owner who never received the original email in 2016; followup required.
Eval Division: Los Angeles County Fire Department

SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC (Continued) **S113798931**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Revisit with Jimmy Tan, owner; hazardous waste drums labeled; recent HW disposal records to be emailed by office coordinator; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Revisit conducted with Mr. Kevin Wu Ngo; HMBP not complete; LSF paid 12/14/17; Mr. Ngo will work on it today; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Oliver Truong, Environmental Contact
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Oliver Truong, Environmental Contact
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce

SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC (Continued) **S113798931**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Property Owner
Entity Name: JAMES ESSEX
Entity Title: Not reported
Affiliation Address: 10336 GAYBROOK AVE.
Affiliation City: DOWNEY
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90241
Affiliation Phone: (562) 706-6040

Affiliation Type Desc: Document Preparer
Entity Name: Kevin Ngo
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2656 LASHBROOK AVE.
Affiliation City: S. EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: VENGENZ AUTOWERKES, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 818-2218

Affiliation Type Desc: Parent Corporation
Entity Name: Vengenz Autowerkes
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: KEVIN NGO

SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC (Continued) **S113798931**

Entity Title: Not reported
Affiliation Address: 2656 LASHBROOK AVE.
Affiliation City: S. EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: KEVIN NGO
Entity Title: DIRECTOR / GENERAL MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Jimmy Tan
Entity Title: Not reported
Affiliation Address: 2656 LASHBROOK AVE.
Affiliation City: S. EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 782-2019

HWTS:
Name: SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC
Address: 2656 LASHBROOK AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAL000358097
Inactive Date: 06/30/2012
Create Date: 10/19/2010
Last Act Date: 03/26/2014
Mailing Name: Not reported
Mailing Address: 2656 LASHBROOK AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733
Owner Name: SNS AUTOBODY 8FX INC
Owner Address: 11259 LYNROSE ST
Owner Address 2: Not reported
Owner City,State,Zip: ARCADIA, CA 910065634
Contact Name: VI KEVIN V NGO/PRES
Contact Address: 11259 LYNROSE ST
Contact Address 2: Not reported
City,State,Zip: ARCADIA, CA 910065634

NAICS:
EPA ID: CAL000358097
Create Date: 2010-10-19 12:37:02.020
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2010-10-19 12:37:01.97300

SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC (Continued) **S113798931**

Inactive Date:	2012-06-30 00:00:00
Facility Name:	SNS AUTOBODY 8FX INC DBA VENGENZ MOTORING INC
Facility Address:	2656 LASHBROOK AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91733

I95
South
< 1/8
0.116 mi.
612 ft.

K.V. COLLECTION
2438 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

WIP **S106765440**
N/A

Site 11 of 13 in cluster I

Relative: **Lower**
Actual: **239 ft.**

WIP:

Name:	K.V. COLLECTION
Address:	2438 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0685
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

J96
WNW
< 1/8
0.116 mi.
615 ft.

BLANCO'S WELDING
9329 FERN ST
SOUTH EL MONTE, CA 91733

WIP **S106765983**
CERS **N/A**

Site 2 of 2 in cluster J

Relative: **Lower**
Actual: **240 ft.**

WIP:

Name:	SPARTAN TERMITE CONTROL
Address:	9329 Fern St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1532
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	BLANCO'S WELDING
Address:	9329 FERN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	438096
CERS ID:	10304767
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	438096
Site Name:	BLANCO'S WELDING
Violation Date:	05-01-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

BLANCO'S WELDING (Continued) **S106765983**

Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 09/12/2019. OBSERVATION: The business failed to complete and electronically submit a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Complete and electronically submit a business plan. Business plan shall include the business activities, owner information, hazardous material inventory, site map, emergency response plan and training plan.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 438096
Site Name: BLANCO'S WELDING
Violation Date: 02-04-2015
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 09/12/2019. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: FERNANDO BLANCO
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported

BLANCO’S WELDING (Continued) **S106765983**

Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Legal Owner
Entity Name: FERNANDO BLANCO
Entity Title: Not reported
Affiliation Address: 9329 FERN ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 626-3227

Affiliation Type Desc: Environmental Contact
Entity Name: FERNANDO BLANCO
Entity Title: Not reported
Affiliation Address: 9329 FERN ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: FERNANDO BLANCO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 626-3227

Affiliation Type Desc: Parent Corporation
Entity Name: BLANCO’S WELDING
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9329 FERN ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

K97
NNE
< 1/8
0.117 mi.
617 ft.

LEISURE SHOE CO., INC
2657 LASHBROOK AVE
SOUTH EL MONTE, CA 91733

Site 5 of 5 in cluster K

WIP **S106766100**
N/A

Relative: Higher
Actual: 244 ft.

WIP:

Name:	LEISURE SHOE CO., INC
Address:	2657 Lashbrook Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1710
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

L98
SE
< 1/8
0.117 mi.
617 ft.

FLEXFIRM PRODS
2300 N CHICO AVE
SOUTH EL MONTE, CA 91733

Site 7 of 15 in cluster L

RCRA-SQG **1000439271**
CERS HAZ WASTE **CAD047444633**
FINDS
ECHO
EMI
NPDES
CIWQS
CERS

Relative: Higher
Actual: 243 ft.

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	FLEXFIRM PRODS
Handler Address:	2300 N CHICO AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD047444633
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	2300 N CHICO AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

FLEXFIRM PRODS (Continued) **1000439271**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:20:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

FLEXFIRM PRODS (Continued) **1000439271**

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CORPORATION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: FLEXFIRM PRODS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1983-02-25 00:00:00.0
Handler Name: FLEXFIRM PRODS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 31332
NAICS Description: FABRIC COATING MILLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FLEXFIRM PRODS (Continued) **1000439271**

CERS HAZ WASTE:

Name:	FLEXFIRM HOLDINGS, LLC
Address:	2300 N CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	116886
CERS ID:	10286299
CERS Description:	Hazardous Waste Generator

FINDS:

Registry ID: 110000477724

Click Here:

Environmental Interest/Information System:

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000439271
Registry ID:	110000477724
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000477724
Name:	FLEXFIRM PRODUCTS, INC
Address:	2300 N. CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733

EMI:

Name:	FLEXFIRM PRODUCTS, INC
Address:	2300 N CHICO AV
City,State,Zip:	SOUTH EL MONTE, CA
Year:	1987
County Code:	19
Air Basin:	SC

FLEXFIRM PRODS (Continued) **1000439271**

Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1993
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA

FLEXFIRM PRODS (Continued) **1000439271**

Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

FLEXFIRM PRODS (Continued) **1000439271**

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 2001
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

FLEXFIRM PRODS (Continued) **1000439271**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

NPDES:

Name:	FLEXFIRM PRODUCTS INC
Address:	2300 N CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	323257
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19NEC000223
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/12/2007
Termination Date Of Regulatory Measure:	10/17/2018
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2300 N Chico Ave
Discharge Name:	Flexfirm Products Inc
Discharge City:	South El Monte
Discharge State:	California
Discharge Zip:	91733
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	323257
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19NEC000223
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/03/2015
Processed Date:	04/12/2007
Status:	Active

FLEXFIRM PRODS (Continued) **1000439271**

Status Date:	08/03/2015
Place Size:	70280
Place Size Unit:	SqFt
Contact:	Barry Eichorn
Contact Title:	President
Contact Phone:	626-448-7627
Contact Phone Ext:	Not reported
Contact Email:	barry@flexfirmproducts.com
Operator Name:	Flexfirm Products Inc
Operator Address:	2300 N Chico Ave
Operator City:	South El Monte
Operator State:	California
Operator Zip:	91733
Operator Contact:	Barry Eichorn
Operator Contact Title:	President
Operator Contact Phone:	626-448-7627
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	barry@flexfirmproducts.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Gabriel River
Certifier:	Barry Eichorn
Certifier Title:	President
Certification Date:	28-SEP-16
Primary Sic:	2295-Coated Fabrics, Not Rubberized
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0

FLEXFIRM PRODS (Continued) **1000439271**

Region:	4
Regulatory Measure ID:	323257
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19NEC000223
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/12/2007
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Flexfirm Products Inc
Discharge Address:	2300 N Chico Ave
Discharge City:	South El Monte
Discharge State:	California
Discharge Zip:	91733
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported

FLEXFIRM PRODS (Continued) **1000439271**

Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	FLEXFIRM PRODUCTS INC
Address:	2300 N CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19NEC000223
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	10/17/2018
Operator Name:	Flexfirm Products Inc
Operator Address:	2300 N Chico Ave
Operator City:	South El Monte
Operator State:	California
Operator Zip:	91733

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	323257
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19NEC000223
Program Type:	Not reported

FLEXFIRM PRODS (Continued) **1000439271**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/03/2015
Processed Date:	04/12/2007
Status:	Active
Status Date:	08/03/2015
Place Size:	70280
Place Size Unit:	SqFt
Contact:	Barry Eichorn
Contact Title:	President
Contact Phone:	626-448-7627
Contact Phone Ext:	Not reported
Contact Email:	barry@flexfirmproducts.com
Operator Name:	Flexfirm Products Inc
Operator Address:	2300 N Chico Ave
Operator City:	South El Monte
Operator State:	California
Operator Zip:	91733
Operator Contact:	Barry Eichorn
Operator Contact Title:	President
Operator Contact Phone:	626-448-7627
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	barry@flexfirmproducts.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported

FLEXFIRM PRODS (Continued) **1000439271**

Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Gabriel River
Certifier:	Barry Eichorn
Certifier Title:	President
Certification Date:	28-SEP-16
Primary Sic:	2295-Coated Fabrics, Not Rubberized
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	323257
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19NEC000223
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/12/2007
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Flexfirm Products Inc
Discharge Address:	2300 N Chico Ave
Discharge City:	South El Monte
Discharge State:	California
Discharge Zip:	91733
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported

FLEXFIRM PRODS (Continued) **1000439271**

Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	FLEXFIRM PRODUCTS INC
Address:	2300 N CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Agency:	Flexfirm Products Inc
Agency Address:	2300 N Chico Ave, South El Monte, CA 91733
Place/Project Type:	Industrial - Coated Fabrics, Not Rubberized
SIC/NAICS:	2295
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19NEC000223
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	04/12/2007
Termination Date:	10/17/2018
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	1
Latitude:	34.05558
Longitude:	-118.06004

FLEXFIRM PRODS (Continued) **1000439271**

CERS:

Name: FLEXFIRM HOLDINGS, LLC
Address: 2300 N CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 116886
CERS ID: 91733FLXFR2300N
CERS Description: Toxic Release Inventory

Violations:

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 12-17-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/17/2020. OBSERVATION: 1x 55 gallon drum of waste MEK located in the production area was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. (Corrected during inspection.)
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 12-17-2018
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes: Returned to compliance on 01/03/2019. OBSERVATION: 5+ empty 55 gallon drums were observed near building 1 an 2 without proper labels. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.

FLEXFIRM PRODS (Continued) **1000439271**

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 12-17-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/17/2018. OBSERVATION: 1 x 55 gallon drum Methyl Ethyl Ketone hazardous waste located in building 2 was observed without a hazardous waste label. Labels provided and corrected on site. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 09-19-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 10/26/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for 100 plus 55 gallon drums of coating materials, 10-55 gallon plasticize, 2 - 8 gallon Propane for the forklift & approximately 10,000 lbs of PVC resin on the CERS. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 09-19-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/29/2017. OBSERVATION: Observed several drums of hazardous waste coating material and solvent contaminated solid without proper labels. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG

FLEXFIRM PRODS (Continued) **1000439271**

; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 12-17-2020
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 01/15/2021. OBSERVATION: The business failed to electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 09-19-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/26/2016. OBSERVATION: Owner/Operator failed to adequately label hazardous materials. Observed 100 plus 55 gallon drums of mix coating material in the storage yard, 5 - 55 gallon drums of latex by the sewing warehouse without proper label. CORRECTIVE ACTION: Hazardous materials that are mislabeled or not adequately labeled must be properly labeled within 10 days or be managed as a hazardous waste. 22 CCR11 66261.2(f)
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-03-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-29-2017
Violations Found: No

FLEXFIRM PRODS (Continued) **1000439271**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Barry Eichorn
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, General Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, General Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, GM
Eval Division: Los Angeles County Fire Department

FLEXFIRM PRODS (Continued) **1000439271**

Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	116886
Facility Name:	FLEXFIRM HOLDINGS, LLC
Env Int Type Code:	HWG
Program ID:	10286299
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.055090
Longitude:	-118.059270

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000

Affiliation Type Desc:	Document Preparer
Entity Name:	ALBERT CASTILLO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2300 N CHICO AVE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	ALBERT CASTILLO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 448-7627

Affiliation Type Desc:	Public Contact
Entity Name:	BARRY EICHORN

FLEXFIRM PRODS (Continued) **1000439271**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	6264487627
Affiliation Type Desc:	Technical Contact
Entity Name:	BARRY EICHORN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	6264487627
Affiliation Type Desc:	Company Official
Entity Name:	Barry Eichorn
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	FLEXFIRM HOLDINGS, LLC
Entity Title:	Not reported
Affiliation Address:	2300 N CHICO AVE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 448-7627
Affiliation Type Desc:	Environmental Contact
Entity Name:	ALBERT CASTILLO
Entity Title:	Not reported
Affiliation Address:	2300 N CHICO AVE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	ALBERT CASTILLO
Entity Title:	GEN MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

FLEXFIRM PRODS (Continued) **1000439271**

Affiliation Type Desc: Parent Corporation
Entity Name: FLEXFIRM HOLDINGS LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: FLEXFIRM HOLDINGS, LLC
Address: 2300 N CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 116886
CERS ID: 10286299
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 12-17-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/17/2020. OBSERVATION: 1x 55 gallon drum of waste MEK located in the production area was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. (Corrected during inspection.)
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 12-17-2018
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to

FLEXFIRM PRODS (Continued) **1000439271**

	subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes:	Returned to compliance on 01/03/2019. OBSERVATION: 5+ empty 55 gallon drums were observed near building 1 an 2 without proper labels. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	116886
Site Name:	FLEXFIRM HOLDINGS, LLC
Violation Date:	12-17-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 12/17/2018. OBSERVATION: 1 x 55 gallon drum Methyl Ethyl Ketone hazardous waste located in building 2 was observed without a hazardous waste label. Labels provided and corrected on site. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	116886
Site Name:	FLEXFIRM HOLDINGS, LLC
Violation Date:	09-19-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/26/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for 100 plus 55 gallon drums of coating materials, 10-55 gallon plasticize, 2 - 8 gallon Propane for the forklift & approximately 10,000 lbs of PVC resin on the CERS. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	116886
Site Name:	FLEXFIRM HOLDINGS, LLC
Violation Date:	09-19-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

FLEXFIRM PRODS (Continued) **1000439271**

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/29/2017. OBSERVATION: Observed several drums of hazardous waste coating material and solvent contaminated solid without proper labels. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 12-17-2020
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 01/15/2021. OBSERVATION: The business failed to electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 09-19-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/26/2016. OBSERVATION: Owner/Operator failed to adequately label hazardous materials. Observed 100 plus 55 gallon drums of mix coating material in the storage yard, 5 - 55 gallon drums of latex by the sewing warehouse without proper label. CORRECTIVE ACTION: Hazardous materials that are mislabeled or not adequately labeled must be properly labeled within 10 days or be managed as a hazardous waste. 22 CCR11 66261.2(f)
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-03-2019
Violations Found: No

FLEXFIRM PRODS (Continued) **1000439271**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Barry Eichorn
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, General Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, General Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department

FLEXFIRM PRODS (Continued) **1000439271**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, GM
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 116886
Facility Name: FLEXFIRM HOLDINGS, LLC
Env Int Type Code: HWG
Program ID: 10286299
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.055090
Longitude: -118.059270

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Document Preparer
Entity Name: ALBERT CASTILLO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2300 N CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: ALBERT CASTILLO
Entity Title: Not reported

FLEXFIRM PRODS (Continued) **1000439271**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 448-7627

Affiliation Type Desc: Public Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: 6264487627

Affiliation Type Desc: Technical Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: 6264487627

Affiliation Type Desc: Company Official
Entity Name: Barry Eichorn
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: FLEXFIRM HOLDINGS, LLC
Entity Title: Not reported
Affiliation Address: 2300 N CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 448-7627

Affiliation Type Desc: Environmental Contact
Entity Name: ALBERT CASTILLO
Entity Title: Not reported
Affiliation Address: 2300 N CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

FLEXFIRM PRODS (Continued) **1000439271**

Affiliation Type Desc: Identification Signer
Entity Name: ALBERT CASTILLO
Entity Title: GEN MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: FLEXFIRM HOLDINGS LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N. CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733-1611
Site ID: 468251
CERS ID: 110000477724
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: 2300 N CHICO AVE
Affiliation City: SOUTHELMONTE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: FLEXFIRM PROD
Entity Title: Not reported
Affiliation Address: 2300 CHICO AVE
Affiliation City: SOUTHELMONTE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

I99 **South** **< 1/8** **0.118 mi.** **622 ft.**	**MAVERICK MACHINERY CO.** **2440 ROSEMEAD BLVD** **SOUTH EL MONTE, CA 91733** **Site 12 of 13 in cluster I**	**WIP**	**S106765736** **N/A**

Relative: **Lower**

Actual: **239 ft.**

WIP:

Name:	MAVERICK MACHINERY CO.
Address:	2440 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1129
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	A

L100 **SE** **< 1/8** **0.118 mi.** **624 ft.**	**PHIL S AUTO SALVAGE** **2405 CHICO AVE** **SOUTH EL MONTE, CA 91733** **Site 8 of 15 in cluster L**	**WIP** **CIWQS**	**S106765873** **N/A**

Relative: **Higher**

Actual: **243 ft.**

WIP:

Name:	PHIL’S AUTO SALVAGE
Address:	2405 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1365
File Status:	**Historical**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CIWQS:

Name:	PHIL S AUTO SALVAGE
Address:	2405 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Agency:	Juan Valadez
Agency Address:	2405 Chico Ave, South El Monte, CA 91733
Place/Project Type:	Industrial - Motor Vehicle Parts, Used
SIC/NAICS:	5015
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I010270
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	07/07/1993
Termination Date:	08/28/2015
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.05677
Longitude:	-118.06004

L101	**MONTEREY CASKET CO**	**CERS HAZ WASTE**	**S113081258**
SE	**2404 CHICO AVE**	**HAZNET**	**N/A**
< 1/8	**SOUTH EL MONTE, CA 91733**	**HWTS**	
0.120 mi.			
632 ft.	**Site 9 of 15 in cluster L**		

Relative: Higher

Actual: 243 ft.

CERS HAZ WASTE:

Name:	MONTEREY CASKET CO
Address:	2404 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	49978
CERS ID:	10306675
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	49978
Site Name:	MONTEREY CASKET CO
Violation Date:	06-26-2013
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	HSC 25404 Submit to CERS
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	49978
Site Name:	MONTEREY CASKET CO
Violation Date:	10-13-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 02/13/2017. OBSERVATION: Owner/Operator failed to submit the hazardous waste notification electronically to CERS. CORRECTIVE ACTION: Owner/Operator shall submit a notification of hazardous waste generated by the facility in accordance with HSC 25128 electronically to CERS. HSC 25404(e)(4) No later than three years after the statewide information management system is established, each CUPA, PA, and regulated business shall report program data electronically. The secretary shall work with the CUPAs to develop a phased in schedule for the electronic collection and submittal of information to be included in the statewide information management system, giving first priority to information relating to those chemicals determined by the secretary to be of greatest concern. The secretary, in making this determination shall consult with the CUPAs, the California Emergency Management Agency, the State Fire Marshal, and the boards, departments, and offices within the California [Truncated]
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	02-13-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS HW notification received; NOV abated.

MONTEREY CASKET CO (Continued) **S113081258**

Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by J Rooney, HMS III Consent by B Bautista
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Belinda, Bautista Lopez, treasurer
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Belinda Bautista, Secretary
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Clean Harbors
Entity Title: Not reported
Affiliation Address: 1737 E Denni St
Affiliation City: Wilmington
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90744
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2404 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Bernard Bautista
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

MONTEREY CASKET CO (Continued) **S113081258**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 890-6951

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Legal Owner
Entity Name: Bernard Bautista
Entity Title: Not reported
Affiliation Address: 2404 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 448-6472

Affiliation Type Desc: Parent Corporation
Entity Name: MONTEREY CASKET CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HAZNET:

Name: MONTEREY CASKET CO
Address: 2404 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331613
Contact: BERNARD BAUTISTA
Telephone: 6264486472
Mailing Name: Not reported
Mailing Address: 2404 CHICO AVE

Year: 2019
Gepaid: CAL000147749
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.07500

Year: 2018
Gepaid: CAL000147749
TSD EPA ID: NED981723513

MONTEREY CASKET CO (Continued) **S113081258**

CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.07500

Year: 2016
Gepaid: CAL000147749
TSD EPA ID: ARD069748192
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.275

Year: 2015
Gepaid: CAL000147749
TSD EPA ID: ARD069748192
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.075

Year: 2015
Gepaid: CAL000147749
TSD EPA ID: TXD055141378
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.08

Year: 2014
Gepaid: CAL000147749
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.1525

Year: 2014
Gepaid: CAL000147749
TSD EPA ID: TXD055141378
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.1

Year: 2013
Gepaid: CAL000147749
TSD EPA ID: ARD069748192
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.075

Year: 2013
Gepaid: CAL000147749
TSD EPA ID: TXD055141378
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.2

Year: 2012
Gepaid: CAL000147749
TSD EPA ID: TXD055141378

MONTEREY CASKET CO (Continued) **S113081258**

CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.21

Click this hyperlink while viewing on your computer to access
20 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2014
Gen EPA ID: CAL000147749

Shipment Date: 20140725
Creation Date: 1/14/2015 22:14:51
Receipt Date: 20140804
Manifest ID: 007453138FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140401
Creation Date: 9/9/2014 22:15:03
Receipt Date: 20140410
Manifest ID: 006966064FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.1525
Waste Quantity: 305
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported

MONTEREY CASKET CO (Continued) **S113081258**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAL000147749

Shipment Date: 20131112
Creation Date: 3/31/2014 22:15:09
Receipt Date: 20131127
Manifest ID: 006964312FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130813
Creation Date: 1/24/2017 18:31:06
Receipt Date: 20130904
Manifest ID: 006105769FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0425
Waste Quantity: 85
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130507
Creation Date: 10/8/2013 22:15:15

MONTEREY CASKET CO (Continued) **S113081258**

Receipt Date:	20130517
Manifest ID:	006066975FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000147749
Shipment Date:	20060911
Creation Date:	5/6/2008 18:30:17
Receipt Date:	20061003
Manifest ID:	000394595FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	- Not reported
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000147749
Shipment Date:	20151027
Creation Date:	5/4/2016 22:15:36

MONTEREY CASKET CO (Continued) **S113081258**

Receipt Date: 20151111
Manifest ID: 008302848FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID: MOR000501973
Trans 2 Name: R&R TRUCKING INC
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150303
Creation Date: 8/10/2015 22:15:28
Receipt Date: 20150310
Manifest ID: 008053148FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MOR000501973
Trans 2 Name: R & R
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.08
Waste Quantity: 160
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1998
Gen EPA ID: CAL000147749

Shipment Date: 19981229
Creation Date: 2/26/1999 0:00:00
Receipt Date: 19990106
Manifest ID: 98611990
Trans EPA ID: DER000000968
Trans Name: Not reported
Trans 2 EPA ID: DER000000273

MONTEREY CASKET CO (Continued) **S113081258**

Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981106
Creation Date: 1/5/1999 0:00:00
Receipt Date: 19981106
Manifest ID: 98611826
Trans EPA ID: DER000000968
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.035
Waste Quantity: 70
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAL000147749

Shipment Date: 20020822
Creation Date: 1/28/2003 18:31:46
Receipt Date: 20020823
Manifest ID: 21830695
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

MONTEREY CASKET CO (Continued) **S113081258**

Waste Code Description: 352 - Other organic solids
RCRA Code: D005
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020620
Creation Date: 1/14/2003 18:31:21
Receipt Date: 20020624
Manifest ID: 21405977
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAL000147749

Shipment Date: 20091210
Creation Date: 6/29/2010 18:30:46
Receipt Date: 20091222
Manifest ID: 003012697FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESSWAY
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.115
Waste Quantity: 230

MONTEREY CASKET CO (Continued) **S113081258**

Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090915
Creation Date: 3/5/2010 18:30:17
Receipt Date: 20090918
Manifest ID: 003013224FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090818
Creation Date: 3/5/2010 18:30:23
Receipt Date: 20090901
Manifest ID: 003013590FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESSWAY
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090429
Creation Date: 9/15/2009 18:30:08

MONTEREY CASKET CO (Continued) **S113081258**

Receipt Date: 20090505
Manifest ID: 001204835FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESSWAY
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAL000147749

Shipment Date: 20040323
Creation Date: 10/14/2004 7:35:58
Receipt Date: 20040402
Manifest ID: 22910884
Trans EPA ID: NED986382133
Trans Name: SMITH SYSTEMS TRANSPORTATION
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: TERIS - WILMINGTON
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAL000147749

Shipment Date: 20111025
Creation Date: 3/26/2012 20:30:13

MONTEREY CASKET CO (Continued) **S113081258**

Receipt Date:	20111103
Manifest ID:	004790210FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110804
Creation Date:	1/12/2012 18:30:25
Receipt Date:	20110816
Manifest ID:	004706855FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110614
Creation Date:	12/9/2011 18:30:36
Receipt Date:	20110711
Manifest ID:	004419999FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported

MONTEREY CASKET CO (Continued) **S113081258**

TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110304
Creation Date: 7/15/2011 18:30:11
Receipt Date: 20110318
Manifest ID: 004483738FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT EXPRESS WAY INC
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAL000147749

Shipment Date: 19991104
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991116
Manifest ID: 99486841
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1

MONTEREY CASKET CO (Continued) **S113081258**

Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990902
Creation Date: 10/27/1999 0:00:00
Receipt Date: 19990910
Manifest ID: 99115277
Trans EPA ID: DER000000968
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990701
Creation Date: 9/1/1999 0:00:00
Receipt Date: 19990714
Manifest ID: 98491651
Trans EPA ID: DER000000968
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990428

MONTEREY CASKET CO (Continued) **S113081258**

Creation Date: 6/10/1999 0:00:00
Receipt Date: 19990505
Manifest ID: 98604714
Trans EPA ID: DER000000968
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAL000147749

Shipment Date: 20081125
Creation Date: 4/21/2009 18:30:09
Receipt Date: 20081212
Manifest ID: 002109212FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: UTD988074712
Trans 2 Name: ENVIROCARE INC
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080723
Creation Date: 12/8/2008 18:30:25
Receipt Date: 20080808
Manifest ID: 002108971FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC

MONTEREY CASKET CO (Continued) **S113081258**

Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080423
Creation Date: 9/25/2008 18:30:24
Receipt Date: 20080506
Manifest ID: 001813318FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080211
Creation Date: 8/4/2008 18:30:16
Receipt Date: 20080218
Manifest ID: 001822517FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel

MONTEREY CASKET CO (Continued) **S113081258**

Quantity Tons: 0.135
Waste Quantity: 270
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAL000147749

Shipment Date: 20011106
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011109
Manifest ID: 21405620
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010912
Creation Date: 11/1/2001 0:00:00
Receipt Date: 20010920
Manifest ID: 20758446
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported

MONTEREY CASKET CO (Continued) **S113081258**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010518
Creation Date:	7/20/2001 0:00:00
Receipt Date:	20010524
Manifest ID:	20758695
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010308
Creation Date:	5/16/2001 0:00:00
Receipt Date:	20010319
Manifest ID:	20401216
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010112
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010115
Manifest ID:	20401200
Trans EPA ID:	OKD981588791

MONTEREY CASKET CO (Continued) **S113081258**

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAL000147749

Shipment Date: 20151027
Creation Date: 5/4/2016 22:15:36
Receipt Date: 20151111
Manifest ID: 008302848FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID: MOR000501973
Trans 2 Name: R&R TRUCKING INC
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150303
Creation Date: 8/10/2015 22:15:28
Receipt Date: 20150310
Manifest ID: 008053148FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MOR000501973
Trans 2 Name: R & R
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC

MONTEREY CASKET CO (Continued) **S113081258**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.08
Waste Quantity: 160
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAL000147749

Shipment Date: 20031111
Creation Date: 8/9/2004 8:46:56
Receipt Date: 20031119
Manifest ID: 22911093
Trans EPA ID: TNR000009183
Trans Name: MS CARRIERS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: TERIS - WILMINGTON
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030902
Creation Date: 7/29/2004 7:45:24
Receipt Date: 20030902
Manifest ID: 22911187
Trans EPA ID: TNR000009183
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other

MONTEREY CASKET CO (Continued) **S113081258**

Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030602
Creation Date: 6/22/2004 9:47:57
Receipt Date: 20030604
Manifest ID: 21835316
Trans EPA ID: TNR000009183
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030120
Creation Date: 5/18/2003 14:32:26
Receipt Date: 20030122
Manifest ID: 21835415
Trans EPA ID: TNR000009183
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

MONTEREY CASKET CO (Continued) **S113081258**

Additional Info:

Year:	2000
Gen EPA ID:	CAL000147749
Shipment Date:	20001011
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20001018
Manifest ID:	20401446
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000816
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000821
Manifest ID:	97288088
Trans EPA ID:	OKD981588791
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000706
Creation Date:	9/11/2000 0:00:00
Receipt Date:	20000711
Manifest ID:	99487197
Trans EPA ID:	OKD981588791

MONTEREY CASKET CO (Continued) **S113081258**

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000502
Creation Date: 8/1/2000 0:00:00
Receipt Date: 20000601
Manifest ID: 99487702
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000202
Creation Date: 5/3/2000 0:00:00
Receipt Date: 20000221
Manifest ID: 99486925
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035

MONTEREY CASKET CO (Continued) **S113081258**

Meth Code: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAL000147749

Shipment Date: 20071022
Creation Date: 2/4/2008 18:30:20
Receipt Date: 20071023
Manifest ID: 000943282FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070821
Creation Date: 12/28/2007 18:30:32
Receipt Date: 20070822
Manifest ID: 001075964FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.15
Waste Quantity: 300

MONTEREY CASKET CO (Continued) **S113081258**

Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070412
Creation Date: 10/10/2007 18:30:08
Receipt Date: 20070420
Manifest ID: 001127256FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070119
Creation Date: 8/9/2007 18:30:13
Receipt Date: 20070123
Manifest ID: 000505319FLE
Trans EPA ID: NED986382133
Trans Name: SMITH SYSTEMS TRANSPORT INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.09
Waste Quantity: 180
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

MONTEREY CASKET CO (Continued) **S113081258**

Additional Info:

Year:	2012
Gen EPA ID:	CAL000147749
Shipment Date:	20121218
Creation Date:	5/3/2013 22:15:23
Receipt Date:	20121227
Manifest ID:	006057637FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121106
Creation Date:	8/22/2013 22:15:16
Receipt Date:	20121112
Manifest ID:	006113255FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.11
Waste Quantity:	220
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120702
Creation Date:	2/3/2013 22:15:07
Receipt Date:	20120711
Manifest ID:	005334550FLE
Trans EPA ID:	MAD039322250

MONTEREY CASKET CO (Continued) **S113081258**

Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.11
Waste Quantity: 220
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120501
Creation Date: 12/5/2012 22:15:42
Receipt Date: 20120509
Manifest ID: 005332210FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120228
Creation Date: 12/6/2012 22:15:45
Receipt Date: 20120305
Manifest ID: 001988602JJK
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D035

MONTEREY CASKET CO (Continued) **S113081258**

Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000147749

Shipment Date:	20101216
Creation Date:	5/27/2011 18:30:13
Receipt Date:	20110114
Manifest ID:	003884922FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100726
Creation Date:	1/27/2011 18:30:07
Receipt Date:	20100806
Manifest ID:	002045381FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H140 - Not reported
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001

MONTEREY CASKET CO (Continued) **S113081258**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100226
Creation Date:	11/3/2010 18:30:37
Receipt Date:	20100303
Manifest ID:	003094592FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	MONTEREY CASKET CO
Address:	2404 CHICO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
EPA ID:	CAL000147749
Inactive Date:	Not reported
Create Date:	10/15/1998
Last Act Date:	07/22/2020
Mailing Name:	Not reported
Mailing Address:	2404 CHICO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917331613
Owner Name:	ANDRES BAUTISTA
Owner Address:	2404 CHICO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917331613
Contact Name:	BERNARD BAUTISTA
Contact Address:	2404 CHICO AVE.
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733

L102	**MONTEREY CASKET CO**	**RCRA NonGen / NLR**	**1024794327**
SE	**2404 CHICO AVE**		**CAL000147749**
< 1/8	**SOUTH EL MONTE, CA 91733**		
0.120 mi.			
632 ft.	**Site 10 of 15 in cluster L**		

Relative: **Higher**

Actual: **243 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	1998-10-15 00:00:00.0
Handler Name:	MONTEREY CASKET CO
Handler Address:	2404 CHICO AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
EPA ID:	CAL000147749
Contact Name:	BERNARD BAUTISTA
Contact Address:	2404 CHICO AVE.
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-448-6472
Contact Fax:	Not reported
Contact Email:	MONTEREYCASKETCO@SBCGLOBAL.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2404 CHICO AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-1613
Owner Name:	ANDRES BAUTISTA
Owner Type:	Other
Operator Name:	BERNARD BAUTISTA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

MONTEREY CASKET CO (Continued) **1024794327**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:43:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANDRES BAUTISTA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2404 CHICO AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733-1613
Owner/Operator Telephone:	626-448-6472
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BERNARD BAUTISTA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2404 CHICO AVE.
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-448-6472
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MONTEREY CASKET CO (Continued) **1024794327**

Historic Generators:
Receive Date: 1998-10-15 00:00:00.0
Handler Name: MONTEREY CASKET CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L103 **SE** **< 1/8** **0.120 mi.** **632 ft.**	**MONTEREY CASKET CO., INC.** **2404 CHICO AVE** **SOUTH EL MONTE, CA 91733** **Site 11 of 15 in cluster L**	**CPS-SLIC** **EMI** **WIP** **CERS**	**S103978278** **N/A**

Relative: **Higher**
Actual: **243 ft.**

CPS-SLIC:
Name: MONTEREY CASKET CO., INC.
Address: 2404 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Open - Inactive**
Status Date: 10/29/2014
Global Id: SL603798826
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.057095
Longitude: -118.059018
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 107.2173
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

EMI:

MONTEREY CASKET CO., INC. (Continued) **S103978278**

Name:	MONTEREY CASKET CO INC
Address:	2404 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 917330000
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	44504
Air District Name:	SC
SIC Code:	2449
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MONTEREY CASKET CO INC
Address:	2404 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 917330000
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	44504
Air District Name:	SC
SIC Code:	3995
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MONTEREY CASKET CO INC
Address:	2404 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 917330000
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	44504
Air District Name:	SC
SIC Code:	3995
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

MONTEREY CASKET CO., INC. (Continued) **S103978278**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MONTEREY CASKET CO INC
Address: 2404 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 917330000
Year: 2003
County Code: 19
Air Basin: SC
Facility ID: 44504
Air District Name: SC
SIC Code: 3995
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MONTEREY CASKET CO INC
Address: 2404 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 917330000
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 44504
Air District Name: SC
SIC Code: 3995
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.182
Reactive Organic Gases Tons/Yr: 1.16
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

WIP:
Name: MONTEREY CASKET CO., INC.
Address: 2404 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2173
File Status: **Active**
Staff: REHE
Facility Suite: Not reported

CERS:
Name: MONTEREY CASKET CO., INC.
Address: 2404 CHICO AVE.

MONTEREY CASKET CO., INC. (Continued) **S103978278**

City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 231921
CERS ID: SL603798826
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

I104 **NOMAD FASTENER CO.** **WIP** **S106765805**
South **2442 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.120 mi.
633 ft. **Site 13 of 13 in cluster I**

Relative:
Lower

Actual:
239 ft.

WIP:
Name: NOMAD FASTENER CO.
Address: 2442 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1262
File Status: **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

M105 **MSDS** **WIP** **S106765455**
NNW **2643 ROSEMEAD BLVD** **N/A**
< 1/8 **SOUTH EL MONTE, CA 91733**
0.123 mi.
647 ft. **Site 1 of 3 in cluster M**

Relative:
Higher

Actual:
243 ft.

WIP:
Name: MSDS
Address: 2643 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0708
File Status: **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

L106 **AT AUTO REPAIR CENTER LLC** **RCRA NonGen / NLR** **1024854541**
ESE **9609 KLINGERMAN ST** **CAL000415789**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.125 mi.
661 ft. **Site 12 of 15 in cluster L**

Relative: Higher
Actual: 244 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2016-03-30 00:00:00.0
Handler Name:	AT AUTO REPAIR CENTER LLC
Handler Address:	9609 KLINGERMAN ST
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAL000415789
Contact Name:	ANDY TRUONG, OWNER
Contact Address:	2710 MERCED AVE
Contact City,State,Zip:	EL MONTE, CA 91733
Contact Telephone:	626-537-8070
Contact Fax:	626-444-5316
Contact Email:	ATAUTO92@NETZERO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2710 MERCED AVE
Mailing City,State,Zip:	EL MONTE, CA 91733-0000
Owner Name:	ANDY TRUONG
Owner Type:	Other
Operator Name:	ANDY TRUONG, OWNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

AT AUTO REPAIR CENTER LLC (Continued) **1024854541**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:07:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANDY TRUONG, OWNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2710 MERCED AVE
Owner/Operator City,State,Zip:	EL MONTE, CA 91733
Owner/Operator Telephone:	626-537-8070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANDY TRUONG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4625 CEDAR AVE
Owner/Operator City,State,Zip:	EL MONTE, CA 91732-0000
Owner/Operator Telephone:	626-448-9786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AT AUTO REPAIR CENTER LLC (Continued) **1024854541**

Historic Generators:

Receive Date:	2016-03-30 00:00:00.0
Handler Name:	AT AUTO REPAIR CENTER LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

L107
ESE
1/8-1/4
0.125 mi.
661 ft.

A T AUTO REPAIR CENTER LLC
9609 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

Database(s): CERS HAZ WASTE, LOS ANGELES CO. HMS, CERS
EDR ID Number: S103317313
EPA ID Number: N/A

Site 13 of 15 in cluster L

Relative: Higher
Actual: 244 ft.

CERS HAZ WASTE:

Name:	A T AUTO REPAIR CENTER LLC
Address:	9609 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	419944
CERS ID:	10713079
CERS Description:	Hazardous Waste Generator

LOS ANGELES CO. HMS:

Name:	ARTESSTIC GARMENT PRINTING INC
Address:	9609 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	Not reported
Facility Id:	015868-025632
Facility Type:	Not reported
Facility Status:	OPEN
Area:	3U
Permit Number:	Not reported
Permit Status:	Not reported

CERS:

Name:	A T AUTO REPAIR CENTER LLC
Address:	9609 KLINGERMAN ST

A T AUTO REPAIR CENTER LLC (Continued) **S103317313**

City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 419944
CERS ID: 10713079
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 419944
Site Name: A T AUTO REPAIR CENTER LLC
Violation Date: 03-08-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Reportable Haz Mat: Used oil-1x55-gal drum; waste coolant-1x55-gal drum; new coolant-1x110-gal tote; drained used oil filters-1x55-gal drum; motor oil - 3x55-gal drums + 1x75-gal cube + 1x120-gal cube
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 419944
Site Name: A T AUTO REPAIR CENTER LLC
Violation Date: 03-08-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 01/13/2017. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 419944
Site Name: A T AUTO REPAIR CENTER LLC
Violation Date: 03-08-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 03/08/2016. OBSERVATION: The Owner/Operator failed to obtain or no longer has an active hazardous waste generator permit. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new or renewed hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject

A T AUTO REPAIR CENTER LLC (Continued) **S103317313**

to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. Upon receipt of full payment from a unified program facility for all the annual fees, including previous unpaid annual fees, any late payment penalties and [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Andy Truong, Owner. No significant violations observed at the time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2nd revisit; met with Andy Truong; HMBP not accepted; assisted Mr. Truong with Site Map and Business Activities page; CERS went into weekly maintenance during process; Mr. Truong will continue in afternoon and notify Inspector; RV fee discussed with Mr. Truong; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-26-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; HMBP accepted; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-13-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Met with Ray Tran, spoke with owner Andy Truong on the phone. CERS HMBP not yet started; Mr. Truong requests CERS link to be re-sent; RV FEE notice left with Mr. Tran.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown

A T AUTO REPAIR CENTER LLC (Continued) **S103317313**

Eval Date: 01-13-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HWTS, facility's new EPA ID is CAL000415789; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Andy Truong, owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Andy Truong, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Andy Truong, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Andy Truong, Owner. No significant violations observed at the time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: ANDY TRUONG

A T AUTO REPAIR CENTER LLC (Continued) **S103317313**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	A T AUTO REPAIR CENTER
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Environmental Contact
Entity Name:	ANDY TRUONG
Entity Title:	Not reported
Affiliation Address:	9609 KLINGERMAN ST
Affiliation City:	S. EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	9609 KLINGERMAN ST
Affiliation City:	S. EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	ANDY TRUONG
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A T AUTO REPAIR CENTER LLC (Continued) **S103317313**

Affiliation Type Desc: Legal Owner
Entity Name: ANDY TRUONG
Entity Title: Not reported
Affiliation Address: 9609 kLINGERMAN ST
Affiliation City: S. EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 448-9786

Affiliation Type Desc: Operator
Entity Name: ANDY TRUONG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 448-9786

L108
ESE
1/8-1/4
0.125 mi.
661 ft.

ARTEESTIC GARMENT PRINTING
9609 KLINGERMAN ST
SOUTH EL MONTE, CA 91733
Site 14 of 15 in cluster L

RCRA-SQG
FINDS
ECHO
LOS ANGELES CO. HMS

1000820606
CAD983667650

Relative:
Higher

Actual:
244 ft.

RCRA-SQG:
Date Form Received by Agency: 2000-11-30 00:00:00.0
Handler Name: ARTEESTIC GARMENT PRINTING
Handler Address: 9609 KLINGERMAN ST
Handler City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAD983667650
Contact Name: WILLIE LEUNG
Contact Address: 9609 KLINGERMAN ST
Contact City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Telephone: 626-443-4435
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 9609 KLINGERMAN ST
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733
Owner Name: HAROLD TRUONG
Owner Type: Private
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No

ARTEESTIC GARMENT PRINTING (Continued) **1000820606**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:38:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

ARTEESTIC GARMENT PRINTING (Continued) **1000820606**

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: HAROLD TRUONG
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4908 DOREEN AVE
Owner/Operator City,State,Zip: TEMPLE CITY, CA 91780
Owner/Operator Telephone: 626-444-2120
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2000-11-30 00:00:00.0
Handler Name: ARTEESTIC GARMENT PRINTING
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002898703

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ARTEESTIC GARMENT PRINTING (Continued) **1000820606**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000820606
Registry ID:	110002898703
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002898703
Name:	ARTEESTIC GARMENT PRINTING
Address:	9609 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733

LOS ANGELES CO. HMS:

Name:	TELSTAR INDUSTRIES INC
Address:	9609 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	I
Facility Id:	015868-020466
Facility Type:	01
Facility Status:	Closed
Area:	3U
Permit Number:	000013215
Permit Status:	Closed

N109 **CHAMP CORP** **SWEEPS UST** **S104913077**
SW **2440 TROY AVE** **LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.129 mi.
679 ft. **Site 1 of 7 in cluster N**

Relative: Lower

Actual: 237 ft.

SWEEPS UST:

Name:	CHAMP CORPORATION
Address:	2440 N TROY AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	9432
Number:	9
Board Of Equalization:	44-008142
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-009432-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	3

Name:	CHAMP CORPORATION
Address:	2440 N TROY AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	9432
Number:	9

CHAMP CORP (Continued) **S104913077**

Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009432-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: CHAMP CORPORATION
Address: 2440 N TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9432
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009432-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Name: CHAMP CORP
Address: 2440 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009605-009432
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000515T
Permit Status: Removed

Name: CHAMP CORP
Address: 2440 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009605-009432
Facility Type: 1
Facility Status: Removed
Area: 3U
Permit Number: 00000T515

CHAMP CORP (Continued) **S104913077**

Permit Status: Removed

O110
South
1/8-1/4
0.129 mi.
680 ft.

QUALITY MOBILE HOME PRODUCTS
2420 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 1 of 6 in cluster O

WIP **S106765894**
N/A

Relative:
Lower

Actual:
239 ft.

WIP:

Name:	QUALITY MOBILE HOME PRODUCTS
Address:	2420 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1396
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

P111
ESE
1/8-1/4
0.134 mi.
708 ft.

PACIFIC MARINE SYSTEMS
9619 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

Site 1 of 12 in cluster P

RCRA NonGen / NLR **1024797916**
CAL000194248

Relative:
Higher

Actual:
245 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	1998-05-07 00:00:00.0
Handler Name:	PACIFIC MARINE SYSTEMS
Handler Address:	9619 KLINGERMAN ST
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
EPA ID:	CAL000194248
Contact Name:	STEPHEN HENDERSON - PRES
Contact Address:	3107 REDWOOD AVE
Contact City,State,Zip:	ONTARIO, CA 91762
Contact Telephone:	909-210-7192
Contact Fax:	Not reported
Contact Email:	DEAN.VITO@PACIFICMARINESYSTEMS.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	9619 KLINGERMAN ST
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner Name:	ADVANCED STRUCTURE CORP
Owner Type:	Other
Operator Name:	STEPHEN HENDERSON - PRES
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

PACIFIC MARINE SYSTEMS (Continued) **1024797916**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:44:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADVANCED STRUCTURE CORP
Legal Status:	Other

PACIFIC MARINE SYSTEMS (Continued) **1024797916**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9619 KLINGERMAN ST
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone: 626-969-1851
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: STEPHEN HENDERSON - PRES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3107 REDWOOD AVE
Owner/Operator City,State,Zip: ONTARIO, CA 91762
Owner/Operator Telephone: 909-210-7192
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1998-05-07 00:00:00.0
Handler Name: PACIFIC MARINE SYSTEMS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333414
NAICS Description: HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

P112 **MIKE'S MICRO PARTS** **WIP** **S104581922**
ESE **9619 KLINGERMAN ST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.134 mi.
708 ft. **Site 2 of 12 in cluster P**

Relative:
Higher
Actual:
245 ft.

WIP:

Name:	MIKE'S MICRO PARTS
Address:	9619 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1207
File Status:	**Historical**
Staff:	GMM
Facility Suite:	Not reported

L113 **SILVER STREAK TRAILER COMPANY** **CPS-SLIC** **S106484617**
SE **2319 CHICO AVE** **WIP** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **CERS**
0.135 mi.
714 ft. **Site 15 of 15 in cluster L**

Relative:
Higher
Actual:
243 ft.

CPS-SLIC:

Name:	SILVER STREAK TRAILER COMPANY
Address:	2319 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/24/1997
Global Id:	SL603798807
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.057095
Longitude:	-118.059018
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.1512
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	SILVER STREAK TRAILER COMPANY
Address:	2319 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1512
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

CERS:

Name:	SILVER STREAK TRAILER COMPANY
Address:	2319 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733

SILVER STREAK TRAILER COMPANY (Continued) **S106484617**

Site ID: 235990
CERS ID: SL603798807
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

O114
South
1/8-1/4
0.136 mi.
717 ft.

CUNNINGHAM CO., INC.
2424 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 2 of 6 in cluster O

WIP **S106765509**
N/A

Relative: **Lower**
Actual: **239 ft.**

WIP:
Name: CUNNINGHAM CO., INC.
Address: 2424 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0783
File Status: **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

Q115
WNW
1/8-1/4
0.138 mi.
726 ft.

A-TEMP REFRIGERATION
9321 FERN ST
SOUTH EL MONTE, CA 91733

Site 1 of 6 in cluster Q

CERS HAZ WASTE **S123517661**
CERS **N/A**

Relative: **Lower**
Actual: **240 ft.**

CERS HAZ WASTE:
Name: A-TEMP REFRIGERATION
Address: 9321 FERN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 412791
CERS ID: 10285507
CERS Description: Hazardous Waste Generator

CERS:
Name: A-TEMP REFRIGERATION
Address: 9321 FERN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 412791
CERS ID: 10285507
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 412791
Site Name: A-TEMP REFRIGERATION

A-TEMP REFRIGERATION (Continued) **S123517661**

Violation Date: 08-05-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 08/05/2020. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. Update CERS inventory and resubmit. (Corrected during inspection.)
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 412791
Site Name: A-TEMP REFRIGERATION
Violation Date: 02-04-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/05/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 412791
Site Name: A-TEMP REFRIGERATION
Violation Date: 07-03-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 10/05/2017. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 412791
Site Name: A-TEMP REFRIGERATION
Violation Date: 02-04-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/05/2017.
Violation Division: Los Angeles County Fire Department

A-TEMP REFRIGERATION (Continued) **S123517661**

Violation Program: HW
Violation Source: CERS

Site ID: 412791
Site Name: A-TEMP REFRIGERATION
Violation Date: 07-03-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 10/05/2017. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 412791
Site Name: A-TEMP REFRIGERATION
Violation Date: 07-03-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 10/05/2017. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 412791
Site Name: A-TEMP REFRIGERATION
Violation Date: 07-03-2017
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failed to meet the conditions of satellite accumulation regulations, including but not limited to the following: G accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator G the container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words G Hazardous WasteG including specified information G container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a G 90 dayG accumulation area G 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated G Total time hazardous waste

A-TEMP REFRIGERATION (Continued) **S123517661**

can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first.

Violation Notes: Returned to compliance on 10/05/2017. OBSERVATION: 6 x 55 gallon drums of waste oil located in the south side of parking lot was observed WITHOUT AN ACCUMULATION START DATE and a manifest/receipt demonstrating disposal within the past 90 days was not available. CORRECTIVE ACTION: Dispose of waste oil and submit a copy of the manifest/receipt to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 412791
Site Name: A-TEMP REFRIGERATION
Violation Date: 02-04-2015
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 10/05/2017.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JOHNNY LUONG
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Johnny Luoung
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Johnny Luong
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-03-2017

A-TEMP REFRIGERATION (Continued) **S123517661**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Johnny Luong
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Esther Chin, accounting manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9321 FERN ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: A-TEMP REFRIGERATION,INC.

A-TEMP REFRIGERATION (Continued) **S123517661**

Entity Title: Not reported
Affiliation Address: 9321 FERN ST
Affiliation City: S. El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 350-8393

Affiliation Type Desc: Operator
Entity Name: JOHNNY LUONG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 712-6169

Affiliation Type Desc: Parent Corporation
Entity Name: A-TEMP REFRIGERATION
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: JOHNNY LUONG
Entity Title: Not reported
Affiliation Address: 9321 FERN ST.
Affiliation City: S. EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Q116 **A TEMP REFRIGERATION INC** **RCRA NonGen / NLR** **1024861761**
WNW **9321 FERN ST** **CAL000430248**
1/8-1/4 **S EL MONTE, CA 91733**
0.138 mi.
726 ft. **Site 2 of 6 in cluster Q**

Relative:
Lower

Actual:
240 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2017-08-25 00:00:00.0
Handler Name: A TEMP REFRIGERATION INC
Handler Address: 9321 FERN ST
Handler City,State,Zip: S EL MONTE, CA 91733
EPA ID: CAL000430248
Contact Name: JOHNNY LUONG
Contact Address: 9321 FERN ST
Contact City,State,Zip: S EL MONTE, CA 91733
Contact Telephone: 626-350-8393
Contact Fax: 626-350-8392
Contact Email: ATEMPREFRIGERATION@SBCGLOBAL.NET
Contact Title: Not reported

A TEMP REFRIGERATION INC (Continued) **1024861761**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	9321 FERN ST
Mailing City,State,Zip:	S EL MONTE, CA 91733
Owner Name:	A TEMP REFRIGERATION INC
Owner Type:	Other
Operator Name:	JOHNNY LUONG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

A TEMP REFRIGERATION INC (Continued) **1024861761**

Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2018-09-07 19:36:29.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: JOHNNY LUONG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9321 FERN ST
Owner/Operator City,State,Zip: S EL MONTE, CA 91733
Owner/Operator Telephone: 626-350-8393
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: A TEMP REFRIGERATION INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9321 FERN ST
Owner/Operator City,State,Zip: S EL MONTE, CA 91733
Owner/Operator Telephone: 626-350-8393
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2017-08-25 00:00:00.0
Handler Name: A TEMP REFRIGERATION INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811412

A TEMP REFRIGERATION INC (Continued) **1024861761**

NAICS Description: APPLIANCE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O117
South
1/8-1/4
0.138 mi.
731 ft.

EDAB PROPERTIES, LLC, BF ROSEMED BLVD, LLC, S&N PR
2426 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

RCRA NonGen / NLR **1026481931**
CAC003087952

Site 3 of 6 in cluster O

Relative: **Lower**

Actual: **239 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2020-10-12 00:00:00.0
Handler Name:	EDAB PROPERTIES, LLC, BF ROSEMED BLVD, LLC, S&N PROPERTIES, LLC
Handler Address:	2426 ROSEMEAD BLVD
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAC003087952
Contact Name:	SUSAN BADE
Contact Address:	77 W LAS TUNAS DRIVE #202
Contact City,State,Zip:	ARCADIA, CA 91007
Contact Telephone:	626-826-5213
Contact Fax:	Not reported
Contact Email:	LUPE@FRESHAIRENVIRONMENTAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	77 W LAS TUNAS DRIVE #202
Mailing City,State,Zip:	ARCADIA, CA 91007
Owner Name:	EDAB PROPERTIES, LLC, BF ROSEMED BL
Owner Type:	Other
Operator Name:	SUSAN BADE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

EDAB PROPERTIES, LLC, BF ROSEMED BLVD, LLC, S&N PROPERTIES, (Continued) **1026481931**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-10-26 14:55:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUSAN BADE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	77 W LAS TUNAS DRIVE #202
Owner/Operator City,State,Zip:	ARCADIA, CA 91007
Owner/Operator Telephone:	626-826-5213
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

EDAB PROPERTIES, LLC, BF ROSEMED BLVD, LLC, S&N PROPERTIES, (Continued) **1026481931**

Owner/Operator Name: EDAB PROPERTIES, LLC, BF ROSEMED BL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 77 W LAS TUNAS DRIVE #202
Owner/Operator City,State,Zip: ARCADIA, CA 91007
Owner/Operator Telephone: 626-574-7354
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-10-12 00:00:00.0
Handler Name: EDAB PROPERTIES, LLC, BF ROSEMED BLVD, LLC, S&N PROPERTIES, LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 238290
NAICS Description: OTHER BUILDING EQUIPMENT CONTRACTORS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O118
South
1/8-1/4
0.138 mi.
731 ft.

DC SHEET METAL CO.
2426 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 4 of 6 in cluster O

WIP **S106765979**
HWTS **N/A**

Relative: **Lower**
Actual: **239 ft.**

WIP:
Name: DC SHEET METAL CO.
Address: 2426 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1526
File Status: Historical
Staff: BPONEK
Facility Suite: Not reported

HWTS:
Name: EDAB PROPERTIES, LLC, BF ROSEMED BLVD, LLC, S&N PROPERTIES, LLC
Address: 2426 ROSEMEAD BLVD

DC SHEET METAL CO. (Continued) **S106765979**

Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAC003087952
Inactive Date:	01/11/2021
Create Date:	10/12/2020
Last Act Date:	01/12/2021
Mailing Name:	Not reported
Mailing Address:	77 W LAS TUNAS DRIVE #202
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARCADIA, CA 91007
Owner Name:	EDAB PROPERTIES, LLC, BF ROSEMED BL
Owner Address:	77 W LAS TUNAS DRIVE #202
Owner Address 2:	Not reported
Owner City,State,Zip:	ARCADIA, CA 91007
Contact Name:	SUSAN BADE
Contact Address:	77 W LAS TUNAS DRIVE #202
Contact Address 2:	Not reported
City,State,Zip:	ARCADIA, CA 91007

NAICS:

EPA ID:	CAC003087952
Create Date:	2020-10-12 14:08:17.760
NAICS Code:	238290
NAICS Description:	Other Building Equipment Contractors
Issued EPA ID Date:	2020-10-12 14:08:17.77000
Inactive Date:	2021-01-11 14:08:17.75000
Facility Name:	EDAB PROPERTIES, LLC, BF ROSEMED BLVD, LLC, S&N PROPERTIES, LLC
Facility Address:	2426 ROSEMEAD BLVD
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91733

EPA ID:	CAC003087952
Create Date:	2020-10-12 14:08:17.760
NAICS Code:	238290
NAICS Description:	Other Building Equipment Contractors
Issued EPA ID Date:	2020-10-12 14:08:17.77000
Inactive Date:	2021-01-11 14:08:17.75000
Facility Name:	EDAB PROPERTIES, LLC, BF ROSEMED BLVD, LLC, S&N PROPERTIES, LLC
Facility Address:	2426 ROSEMEAD BLVD
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91733

P119
SE
1/8-1/4
0.140 mi.
739 ft.

SERVEX CORP.
9620 KLINGERMAN ST
COVINA, CA 91724

Site 3 of 12 in cluster P

WIP **S106765964** **N/A**

Relative: Higher
Actual: 244 ft.

WIP:

Name: SERVEX CORP.
Address: 9620 Klingerman St
City,State,Zip: COVINA, CA 91724
Region: 4
File Number: 107.1504
File Status: **Historical**
Staff: CORTEZ
Facility Suite: Not reported

O120
South
1/8-1/4
0.141 mi.
744 ft.

HYDE ENGINEERING CORP.
2428 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 5 of 6 in cluster O

CPS-SLIC **WIP** **CERS** **S106484586** **N/A**

Relative: Lower
Actual: 239 ft.

CPS-SLIC:

Name: HYDE ENGINEERING
Address: 2428 ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/21/1997
Global Id: SL603798776
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.055412
Longitude: -118.06308
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.1035
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name: HYDE ENGINEERING CORP.
Address: 2428 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1035
File Status: **Backlog**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:

Name: HYDE ENGINEERING
Address: 2428 ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733

HYDE ENGINEERING CORP. (Continued) **S106484586**

Site ID: 225613
CERS ID: SL603798776
CERS Description: Cleanup Program Site

R121
NE
1/8-1/4
0.142 mi.
749 ft.

ASSOC. SILK SCREEN PRINTING
2712 CHICO AVE
SOUTH EL MONTE, CA 91733

WIP **S106765381** **N/A**

Site 1 of 4 in cluster R

Relative: Higher
Actual: 248 ft.

WIP:

Name:	ASSOC. SILK SCREEN PRINTING
Address:	2712 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0589
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

M122
NW
1/8-1/4
0.147 mi.
774 ft.

ELECTRO PLATE RACK CO.
2640 TROY AVE
SOUTH EL MONTE, CA 91733

WIP **S106765583** **N/A**

Site 2 of 3 in cluster M

Relative: Higher
Actual: 242 ft.

WIP:

Name:	ELECTRO PLATE RACK CO.
Address:	2640 Troy Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0892
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

O123
South
1/8-1/4
0.152 mi.
800 ft.

ARTISTIC PRESENTATION, INC.
2400 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

WIP **S106765377** **N/A**

Site 6 of 6 in cluster O

Relative: Lower
Actual: 239 ft.

WIP:

Name:	ARTISTIC PRESENTATION, INC.
Address:	2400 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0583
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

P124 **SPECTRA TONE CO** **SWEEPS UST** **S106932456**
ESE **9635 E KLINGERMAN ST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.153 mi.
809 ft. **Site 4 of 12 in cluster P**

Relative: Higher
Actual: 245 ft.

SWEEPS UST:

Name:	SPECTRA TONE CO
Address:	9635 E KLINGERMAN ST
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	730
Number:	1
Board Of Equalization:	44-007479
Referral Date:	01-23-90
Action Date:	01-23-90
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-000730-000001
Tank Status:	A
Capacity:	6000
Active Date:	01-23-90
Tank Use:	CHEMICAL
STG:	P
Content:	Not reported
Number Of Tanks:	2

Name:	SPECTRA TONE CO
Address:	9635 E KLINGERMAN ST
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	730
Number:	1
Board Of Equalization:	44-007479
Referral Date:	01-23-90
Action Date:	01-23-90
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-000730-000002
Tank Status:	A
Capacity:	4000
Active Date:	01-23-90
Tank Use:	CHEMICAL
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

S125 **MARTINEZ MATTRESS** **WIP** **S106765643**
NW **2671 TROY AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.155 mi.
817 ft. **Site 1 of 3 in cluster S**

Relative: Higher
Actual: 242 ft.

WIP:

Name:	MARTINEZ MATTRESS
Address:	2671 Troy Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0983
File Status:	**Not reported**

MARTINEZ MATTRESS (Continued) **S106765643**

Staff: UNIDENTIFIED
Facility Suite: Not reported

P126 **SPECTRA-TONE PAINT CO** **HIST UST** **S118415566**
ESE **9635-43 KLINGERMAN** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.155 mi.
819 ft. **Site 5 of 12 in cluster P**

Relative: Higher
Actual: 245 ft.

HIST UST:
Name: SPECTRA-TONE PAINT CO
Address: 9635-43 KLINGERMAN
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 000287D5
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000287D5.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

P127 **SPECTRA-TONE PAINT CORP** **RCRA-SQG** **1000181192**
ESE **9635 KLINGERMAN ST** **HIST UST** **CAD981678170**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **HAZNET**
0.155 mi. **WIP**
819 ft. **Site 6 of 12 in cluster P** **HWTS**

Relative: Higher
Actual: 245 ft.

RCRA-SQG:
Date Form Received by Agency: 1996-09-01 00:00:00.0
Handler Name: SPECTRA-TONE PAINT CORP
Handler Address: 9635 KLINGERMAN ST
Handler City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAD981678170
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	9635 KLINGERMAN ST
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2006-09-05 00:00:00.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JAMES DABBS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1996-09-01 00:00:00.0
Handler Name: SPECTRA-TONE PAINT CORP
Federal Waste Generator Description: Large Quantity Generator

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-09-01 00:00:00.0
Handler Name: SPECTRA-TONE PAINT CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-10-14 00:00:00.0
Handler Name: SPECTRA-TONE PAINT CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32551
NAICS Description: PAINT AND COATING MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1994-04-06 00:00:00.0
Actual Return to Compliance Date: 1999-04-06 00:00:00.0
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1994-04-06 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1999-04-06 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

HIST UST:
Name: SPECTRA-TONE PAINT CO.
Address: 9635 KLINGERMAN ST # 43
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000020938
Facility Type: Other
Other Type: PAINT MANUFACTURERS
Contact Name: Not reported
Telephone: 0000000000
Owner Name: SPECTRA TONE PAINT CO.
Owner Address: 9635-43 KLINGERMAN
Owner City,St,Zip: SOUTH EL MONTE, CA 91733-177
Total Tanks: 0003

Tank Num: 001

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Container Num: 450
Year Installed: 1964
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3
Leak Detection: Not reported

Tank Num: 002
Container Num: 140
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

Tank Num: 003
Container Num: 350
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

HAZNET:
Name: SPECTRA-TONE PAINT CORP
Address: 9635 KLINGERMAN ST
Address 2: Not reported
City,State,Zip: SO EL MONTE, CA 917330000
Contact: FRANK RAY
Telephone: 8002724687
Mailing Name: Not reported
Mailing Address: 9635 KLINGERMAN ST

Year: 1996
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 2.772

Year: 1995
Gepaid: CAD981678170
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.418

Year: 1995
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 8.262

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Year: 1994
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 12.042

Year: 1994
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: -
Tons: 2.772

Year: 1993
Gepaid: CAD981678170
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.342

Year: 1993
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 291 - Latex waste
Disposal Method: H01 - Transfer Station
Tons: 0.688

Year: 1993
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station
Tons: 0.1459

Year: 1993
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 5.148

Year: 1993
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H01 - Transfer Station
Tons: 7.615

Click this hyperlink while viewing on your computer to access
11 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 1996
Gen EPA ID: CAD981678170

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Shipment Date: 19960329
Creation Date: 10/16/1996 0:00:00
Receipt Date: 19960329
Manifest ID: 96226836
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 2.772
Waste Quantity: 770
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1993
Gen EPA ID: CAD981678170

Shipment Date: 19931220
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931221
Manifest ID: 93185464
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: CAD099452708
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.342
Waste Quantity: 90
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931217
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931217
Manifest ID: 93185460
Trans EPA ID: CAD983615287

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD089446710
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	4.554
Waste Quantity:	1265
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930914
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930914
Manifest ID:	93185287
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	4.158
Waste Quantity:	1155
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930914
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930914
Manifest ID:	93185287
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D001

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Meth Code: H01 - Transfer Station
Quantity Tons: 0.1459
Waste Quantity: 35
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930824
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930824
Manifest ID: 93185286
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.688
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930824
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930824
Manifest ID: 93185286
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 2.717
Waste Quantity: 715
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Shipment Date: 19930824
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930824
Manifest ID: 93185285
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930824
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930824
Manifest ID: 93185285
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 4.598
Waste Quantity: 1210
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930824
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930824
Manifest ID: 93185285
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.99
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930824
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930824
Manifest ID: 93185286
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1994
Gen EPA ID: CAD981678170

Shipment Date: 19941209
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941209
Manifest ID: 93611586
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Meth Code:	H01 - Transfer Station
Quantity Tons:	2.52
Waste Quantity:	700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940909
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940909
Manifest ID:	93611459
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	2.97
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940608
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93611319
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	2.772
Waste Quantity:	770
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Shipment Date:	19940516
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940516
Manifest ID:	93611291
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.8
Waste Quantity:	3600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940516
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940516
Manifest ID:	93611291
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.188
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940310
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940310
Manifest ID:	93185574
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 3.564
Waste Quantity: 990
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1995
Gen EPA ID: CAD981678170

Shipment Date: 19951228
Creation Date: 7/29/1996 0:00:00
Receipt Date: 19951228
Manifest ID: 95574667
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 2.772
Waste Quantity: 770
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950928
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19950928
Manifest ID: 95574489
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

Meth Code: R01 - Recycler
Quantity Tons: 0.418
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950622
Creation Date: 4/2/1996 0:00:00
Receipt Date: 19950622
Manifest ID: 93611923
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 2.97
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950323
Creation Date: 3/29/1996 0:00:00
Receipt Date: 19950323
Manifest ID: 93611723
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 2.52
Waste Quantity: 700
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

SPECTRA-TONE PAINT CORP (Continued) **1000181192**

WIP:

Name: SPECTRA-TONE PAINT CO.
Address: 9635 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0344
File Status: **Historical**
Staff: YLU
Facility Suite: Not reported

HWTS:

Name: SPECTRA-TONE PAINT CORP
Address: 9635 KLINGERMAN ST
Address 2: Not reported
City,State,Zip: SO EL MONTE, CA 917330000
EPA ID: CAD981678170
Inactive Date: 06/18/1996
Create Date: 04/10/1987
Last Act Date: 09/14/2004
Mailing Name: Not reported
Mailing Address: 9635 KLINGERMAN ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917331775
Owner Name: JAMES D. DABBS, PRESIDENT
Owner Address: 9635 KLINGERMAN ST
Owner Address 2: Not reported
Owner City,State,Zip: SO EL MONTE, CA 917330000
Contact Name: FRANK RAY
Contact Address: 9635 KLINGERMAN ST UNDELIV V97 -PH
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331775

M128 **D & T SEWING FACTORY** **WIP** **S106766173**
North **2700 BRUIN AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.156 mi.
823 ft. **Site 3 of 3 in cluster M**

Relative:
Higher
Actual:
244 ft.

WIP:

Name: D & T SEWING FACTORY
Address: 2700 Bruin Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1962
File Status: **Historical**
Staff: ACARLOS
Facility Suite: Not reported

S129 **NW** **1/8-1/4** **0.156 mi.** **825 ft.**	**FRANK AND SMITH MASONRY** **2639 TROY AVE** **S EL MONTE, CA 91733** **Site 2 of 3 in cluster S**	**RCRA-SQG** **CERS HAZ WASTE** **FINDS** **ECHO** **HAZNET** **HWTS**	**1001959889** **CAR000065813**

Relative:
Higher

Actual:
242 ft.

RCRA-SQG:

Date Form Received by Agency:	2000-02-10 00:00:00.0
Handler Name:	FRANK AND SMITH MASONRY
Handler Address:	2639 TROY AVE
Handler City,State,Zip:	S EL MONTE, CA 91733
EPA ID:	CAR000065813
Contact Name:	KEVIN SMITH
Contact Address:	2639 TROY AVE
Contact City,State,Zip:	S EL MONTE, CA 91733
Contact Telephone:	626-579-2135
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2639 TROY AVE
Mailing City,State,Zip:	S EL MONTE, CA 91733
Owner Name:	FRANK E SMITH
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

FRANK AND SMITH MASONRY (Continued) **1001959889**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:36:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FRANK E SMITH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2639 TROY AVE
Owner/Operator City,State,Zip:	S EL MONTE, CA 91733
Owner/Operator Telephone:	626-579-2135
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-02-10 00:00:00.0
Handler Name:	FRANK AND SMITH MASONRY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

FRANK AND SMITH MASONRY (Continued) **1001959889**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

CERS HAZ WASTE:

Name:	EZ PRINTING & GRAPHIC DESIGN
Address:	2639 TROY AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	29261
CERS ID:	10284673
CERS Description:	Hazardous Waste Generator

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	JENNIFER DOOLITTLE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000

Affiliation Type Desc:	Environmental Contact
Entity Name:	FRANK E SMITH
Entity Title:	Not reported
Affiliation Address:	2639 TROY AVE
Affiliation City:	SO EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported

FRANK AND SMITH MASONRY (Continued) **1001959889**

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2639 TROY AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: EZ PRINTING & GRAPHIC DESIGN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

FINDS:
Registry ID: 110002932783

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001959889
Registry ID: 110002932783
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002932783
Name: FRANK AND SMITH MASONRY
Address: 2639 TROY AVE
City,State,Zip: S EL MONTE, CA 91733

HAZNET:
Name: FRANK AND SMITH MASONRY
Address: 2639 TROY AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact: MANAGER ENVIRONMENTAL
Telephone: --
Mailing Name: Not reported
Mailing Address: 2639 TROY AVE

Year: 2002
Gepaid: CAR000065813

FRANK AND SMITH MASONRY (Continued) **1001959889**

TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.126

Year: 2001
Gepaid: CAR000065813
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.2352

Year: 2001
Gepaid: CAR000065813
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.0708

Year: 2000
Gepaid: CAR000065813
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.0625

Additional Info:
Year: 2002
Gen EPA ID: CAR000065813

Shipment Date: 20020830
Creation Date: 1/31/2003 15:02:08
Receipt Date: 20020903
Manifest ID: 21900636
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.021
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

FRANK AND SMITH MASONRY (Continued) **1001959889**

Shipment Date: 20020315
Creation Date: 7/17/2002 18:32:08
Receipt Date: 20020318
Manifest ID: 21495959
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAR000065813

Shipment Date: 20010921
Creation Date: 12/17/2001 0:00:00
Receipt Date: 20010925
Manifest ID: 21454965
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0924
Waste Quantity: 22
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010625
Creation Date: 8/29/2001 0:00:00
Receipt Date: 20010626
Manifest ID: 21137259
Trans EPA ID: SCR000075150

FRANK AND SMITH MASONRY (Continued) **1001959889**

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0714
Waste Quantity: 17
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010402
Creation Date: 5/31/2001 0:00:00
Receipt Date: 20010402
Manifest ID: 20624160
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0714
Waste Quantity: 17
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010402
Creation Date: 6/20/2001 0:00:00
Receipt Date: 20010405
Manifest ID: 20624161
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001

FRANK AND SMITH MASONRY (Continued) **1001959889**

Meth Code: H01 - Transfer Station
Quantity Tons: 0.0708
Waste Quantity: 17
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2000
Gen EPA ID: CAR000065813

Shipment Date: 20001018
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001024
Manifest ID: 20519364
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: SCR000074591
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0625
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: FRANK AND SMITH MASONRY
Address: 2639 TROY AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAR000065813
Inactive Date: 06/30/2003
Create Date: 08/08/2001
Last Act Date: 04/19/2004
Mailing Name: Not reported
Mailing Address: 2639 TROY AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330000
Owner Name: FRANK AND SMITH MASONRY
Owner Address: 2639 TROY AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact Name: MANAGER ENVIRONMENTAL

FRANK AND SMITH MASONRY (Continued) **1001959889**

Contact Address: 2639 TROY AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000

T130
South
1/8-1/4
0.159 mi.
839 ft.

SOUTHERN CALIF IMPORT DISMANT
2328 NO ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

HIST UST
LOS ANGELES CO. HMS
WIP

S102229330
N/A

Site 1 of 5 in cluster T

Relative:
Lower

Actual:
239 ft.

HIST UST:

Name:	SOUTHERN CALIF IMPORT DISMANT
Address:	2328 NO ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	000286FF
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000286FF.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:

Name:	SO CAL IMPORT DISMANTLERS
Address:	2328 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	I
Facility Id:	000257-I00258
Facility Type:	01
Facility Status:	Closed
Area:	3U
Permit Number:	000008075
Permit Status:	Closed

WIP:

Name:	SOUTHERN CALIF. IMPORT DISMANT
Address:	2328 N Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0342

SOUTHERN CALIF IMPORT DISMANT (Continued) **S102229330**

File Status: **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

T131
South
1/8-1/4
0.159 mi.
839 ft.

SOUTHERN CALIF. IMPORT DISMANT
2328 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 2 of 5 in cluster T

HIST UST **1000409088**
N/A

Relative: **Lower**
Actual: **239 ft.**

HIST UST:

Name:	SOUTHERN CALIF. IMPORT DISMANT
Address:	2328 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000055926
Facility Type:	Other
Other Type:	AUTO DISMANTLER
Contact Name:	Not reported
Telephone:	8183500200
Owner Name:	SOUTHERN CALIF. IMPORT DISMANT
Owner Address:	2328 NO. ROSEMEAD BLVD.
Owner City,St,Zip:	SOUTH EL MONTE, CA 91733
Total Tanks:	0001

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

R132
NE
1/8-1/4
0.163 mi.
862 ft.

DECORATIVE CABINET, INC.
2718 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 2 of 4 in cluster R

WIP
CERS

S106765526
N/A

Relative: **Higher**
Actual: **248 ft.**

WIP:

Name:	DECORATIVE CABINET, INC.
Address:	2718 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0809
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	1/2

CERS:

Name:	KL MEAT DISTRUBTOR INC
Address:	2718 CHICO AVE STE 101
City,State,Zip:	SOUTH EL MONTE, CA 91733

DECORATIVE CABINET, INC. (Continued) **S106765526**

Site ID: 395920
CERS ID: 10283335
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 395920
Site Name: KL MEAT DISTRUBTOR INC
Violation Date: 04-10-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 05/04/2017. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date for the year 2017. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JAMES WU
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-04-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Quang Ly, manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP

DECORATIVE CABINET, INC. (Continued) **S106765526**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTED BY A. DESILVA CONSENT GIVEN BY JERRICA LIU
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2718 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: LEO LEE
Entity Title: Not reported
Affiliation Address: 1330 BELLWOOD RD
Affiliation City: SAN MARINO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91108
Affiliation Phone: (626) 292-6783

Affiliation Type Desc: Identification Signer
Entity Name: KIM LEE
Entity Title: MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: KIM LEE
Entity Title: Not reported
Affiliation Address: 2718 CHICO AVE STE. #101
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 444-8983

Affiliation Type Desc: Operator
Entity Name: KL MEAT DISTRIBUTOR, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

DECORATIVE CABINET, INC. (Continued) **S106765526**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 321-1626

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000

Affiliation Type Desc:	Environmental Contact
Entity Name:	KIM LEE
Entity Title:	Not reported
Affiliation Address:	2718 CHICO AVE.
Affiliation City:	S. EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	KL MEAT DISTRUBTUION INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	S K TRADING CO
Address:	2718 CHICO AVE # 106
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	149686
CERS ID:	10282951
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	149686
Site Name:	S K TRADING CO
Violation Date:	04-10-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/16/2017. OBSERVATION: The annotated site map submitted to the CUPA does not include the location of the propane cylinders, North orientation and reference streets. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division:	Los Angeles County Fire Department

DECORATIVE CABINET, INC. (Continued) **S106765526**

Violation Program: HMRRP
Violation Source: CERS

Site ID: 149686
Site Name: S K TRADING CO
Violation Date: 04-10-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 06/16/2017. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 149686
Site Name: S K TRADING CO
Violation Date: 04-10-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/16/2017. OBSERVATION: The Hazardous Materials Inventory Chemical Description page for propane was inaccurate. The facility has 2 cylinders of propane at 8-gallons each CORRECTIVE ACTION: Complete the Hazardous Materials Description page for propane accurately. Your largest container is 8 gallons and maximum daily amount is 16 gallons.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 149686
Site Name: S K TRADING CO
Violation Date: 04-10-2017
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 06/16/2017. OBSERVATION: The Business Activities page submitted in California Environmental Reporting System (CERS) was inaccurate. CORRECTIVE ACTION: On the business activities page, mark yes as a hazardous materials handler.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-10-2017

DECORATIVE CABINET, INC. (Continued) **S106765526**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: DAVID ONG
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-30-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-06-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-16-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Tony Ong, secretary
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTED BY A. DESILVA CONSENT GIVEN BY DAVID ONG

DECORATIVE CABINET, INC. (Continued) **S106765526**

Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: DAVID ONG
Entity Title: Not reported
Affiliation Address: 11539 CHERRY LEE DR.
Affiliation City: EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91732
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: ONG UOI
Entity Title: Not reported
Affiliation Address: 2718 CHICO AVE #106
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 279-1789

Affiliation Type Desc: Property Owner
Entity Name: Kim Lee
Entity Title: Not reported
Affiliation Address: 2718 Chico Ave. Suite #101
Affiliation City: South EL Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 321-1620

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Document Preparer
Entity Name: David Ong
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

DECORATIVE CABINET, INC. (Continued) **S106765526**

Entity Title: Not reported
Affiliation Address: 2718 CHICO AVE #106
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: S K TRADING CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: David Ong
Entity Title: Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: ONG UOI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 274-1768

U133 **PORTER MFG. & SUPPLY CORP.** **WIP** **S106765884**
SE **2251 CHICO AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.164 mi.
865 ft. **Site 1 of 3 in cluster U**

Relative:
Higher
Actual:
242 ft.

WIP:
Name: PORTER MFG. & SUPPLY CORP.
Address: 2251 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1379
File Status: **Historical**
Staff: CCC
Facility Suite: Not reported

P134	**ALTERNATIVE MATERIALS TECHNOLOGY**	**RCRA-SQG**	**1025878915**
ESE	**9643 KLINGERMAN ST**		**CAP000054908**
1/8-1/4	**S EL MONTE, CA 91733**		
0.167 mi.			
880 ft.	**Site 7 of 12 in cluster P**		

Relative: Higher

Actual: 246 ft.

RCRA-SQG:

Date Form Received by Agency:	1999-07-26 00:00:00.0
Handler Name:	ALTERNATIVE MATERIALS TECHNOLOGY
Handler Address:	9643 KLINGERMAN ST
Handler City,State,Zip:	S EL MONTE, CA 91733
EPA ID:	CAP000054908
Contact Name:	WADE POTTER
Contact Address:	311 OTTERSON DR SUITE 60
Contact City,State,Zip:	CHICO, CA 95928-8236
Contact Telephone:	530-894-3585
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	311 OTTERSON DR SUITE 60
Mailing City,State,Zip:	CHICO, CA 95928-8236
Owner Name:	ALTERNATIVE MATERIALS TECH
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

ALTERNATIVE MATERIALS TECHNOLOGY (Continued) **1025878915**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2006-09-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U028
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U161
Waste Description: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

Waste Code: U220

ALTERNATIVE MATERIALS TECHNOLOGY (Continued) **1025878915**

Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ALTERNATIVE MATERIALS TECH
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 311 OTTERSON DR SUITE 60
Owner/Operator City,State,Zip: CHICO, CA 95928-8236
Owner/Operator Telephone: 530-894-3585
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALTERNATIVE MATERIALS TECH
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 311 OTTERSON DR SUITE 60
Owner/Operator City,State,Zip: CHICO, CA 95928-8236
Owner/Operator Telephone: 530-894-3585
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-07-26 00:00:00.0
Handler Name: ALTERNATIVE MATERIALS TECHNOLOGY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-07-26 00:00:00.0
Handler Name: ALTERNATIVE MATERIALS TECHNOLOGY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

ALTERNATIVE MATERIALS TECHNOLOGY (Continued) **1025878915**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

P135 **ESE** **1/8-1/4** **0.167 mi.** **880 ft.**	**ALTERNATIVE MATERIALS TECH** **9643 KLINGERMAN ST** **S EL MONTE, CA 91733** **Site 8 of 12 in cluster P**	**RCRA NonGen / NLR**	**1025882358** **CAR000069377**

Relative: **Higher**

Actual: **246 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2000-03-31 00:00:00.0
Handler Name:	ALTERNATIVE MATERIALS TECH
Handler Address:	9643 KLINGERMAN ST
Handler City,State,Zip:	S EL MONTE, CA 91733
EPA ID:	CAR000069377
Contact Name:	WADE POTTER
Contact Address:	311 OTTERSON DR NO 60
Contact City,State,Zip:	CHICO, CA 95928
Contact Telephone:	530-894-3585
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	311 OTTERSON DR STE 60
Mailing City,State,Zip:	CHICO, CA 95928
Owner Name:	ALTERNATIVE MATERIALS TECH
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

ALTERNATIVE MATERIALS TECH (Continued) **1025882358**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2003-10-09 17:49:27.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U028
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR)

ALTERNATIVE MATERIALS TECH (Continued) **1025882358**

DIETHYLHEXYL PHTHALATE

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U161
Waste Description: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ALTERNATIVE MATERIALS TECH
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 311 OTTERSON DR NO 60
Owner/Operator City,State,Zip: CHICO, CA 95928
Owner/Operator Telephone: 530-894-3585
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2000-03-31 00:00:00.0
Handler Name: ALTERNATIVE MATERIALS TECH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

P136 **SE** **1/8-1/4** **0.168 mi.** **889 ft.**	**AUTOMATIC FIRE CONTROL** **9600 KLINGERMAN ST** **S EL MONTE, CA 91736** **Site 9 of 12 in cluster P**	**RCRA NonGen / NLR**	**1024802868** **CAL000249740**

Relative: **Higher**

Actual: **243 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2002-04-10 00:00:00.0
Handler Name:	AUTOMATIC FIRE CONTROL
Handler Address:	9600 KLINGERMAN ST
Handler City,State,Zip:	S EL MONTE, CA 91736
EPA ID:	CAL000249740
Contact Name:	MARIA MEDINA
Contact Address:	PO BOX 3365
Contact City,State,Zip:	S EL MONTE, CA 91733-0000
Contact Telephone:	626-444-0541
Contact Fax:	626-444-3887
Contact Email:	INFO@AFCON.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 3365
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	ANVIL INTERNATIONAL LLC
Owner Type:	Other
Operator Name:	MARIA MEDINA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

AUTOMATIC FIRE CONTROL (Continued) **1024802868**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:45:56.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIA MEDINA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3365
Owner/Operator City,State,Zip:	S EL MONTE, CA 91733-0000
Owner/Operator Telephone:	626-444-0541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANVIL INTERNATIONAL LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2 HOLLAND WAY
Owner/Operator City,State,Zip:	EXETER, NH 03833-0000
Owner/Operator Telephone:	603-418-2800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AUTOMATIC FIRE CONTROL (Continued) **1024802868**

Historic Generators:
- Receive Date: 2002-04-10 00:00:00.0
- Handler Name: AUTOMATIC FIRE CONTROL
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 33271
- NAICS Description: MACHINE SHOPS

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

P137
SE
1/8-1/4
0.168 mi.
889 ft.

FEATHER-LITE OF SO.CA. (AFCON)
9600 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

Site 10 of 12 in cluster P

WIP **S106765601** **N/A**

Relative: Higher
Actual: 243 ft.

WIP:
- Name: FEATHER-LITE OF SO.CA. (AFCON)
- Address: 9600 Klingerman St
- City,State,Zip: SOUTH EL MONTE, CA 91733
- Region: 4
- File Number: 107.0921
- **File Status: Historical**
- Staff: WDP
- Facility Suite: Not reported

V138
West
1/8-1/4
0.169 mi.
894 ft.

RODRIGUEZ BROTHER'S DISPOSAL
2542 LEE AVE
SOUTH EL MONTE, CA 91733

Site 1 of 10 in cluster V

NPDES **WIP** **S106765931** **N/A**

Relative: Lower
Actual: 237 ft.

NPDES:
- Name: AUTO TECH
- Address: 2542 LEE AVENUE
- City,State,Zip: SOUTH EL MONTE, CA 91733
- Facility Status: Not reported
- NPDES Number: Not reported
- Region: Not reported

RODRIGUEZ BROTHER'S DISPOSAL (Continued) **S106765931**

Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 4 19IN603973
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: No Action Required
Status Date: 04/20/2018
Operator Name: Auto Tech
Operator Address: 2542 Lee Avenue
Operator City: South El Monte
Operator State: California
Operator Zip: 91733

WIP:
Name: RODRIGUEZ BROTHER'S DISPOSAL
Address: 2542 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1456
File Status: Not reported
Staff: UNIDENTIFIED
Facility Suite: Not reported

Q139 **West** **1/8-1/4** **0.170 mi.** **895 ft.**	**OK AUTO GROUP INC** **2558 LEE AVE** **SOUTH EL MONTE, CA 91733** **Site 3 of 6 in cluster Q**	**CERS HAZ WASTE** **HAZNET** **CERS** **HWTS**	**S113156241** **N/A**

Relative: **Lower**

Actual: **237 ft.**

CERS HAZ WASTE:
Name: OK AUTO COLLISION CENTER INC
Address: 2558 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 139780
CERS ID: 10285111
CERS Description: Hazardous Waste Generator

HAZNET:
Name: OK AUTO COLLISION CENTER INC
Address: 2558 LEE AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
Contact: LINDA LAU
Telephone: 3238689988
Mailing Name: Not reported
Mailing Address: 2558 LEE AVE

OK AUTO GROUP INC (Continued) **S113156241**

Year: 2019
Gepaid: CAL000434822
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.19800

Year: 2019
Gepaid: CAL000434822
TSD EPA ID: AZR000520304
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.12510

Year: 2019
Gepaid: CAL000434822
TSD EPA ID: AZR000520478
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.10000

Year: 2018
Gepaid: CAL000434822
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.16200

Year: 2018
Gepaid: CAL000343623
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.09000

Year: 2018
Gepaid: CAL000343623
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.14595

Year: 2018
Gepaid: CAL000434822
TSD EPA ID: AZR000520304
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.07500

Year: 2018
Gepaid: CAL000434822
TSD EPA ID: CAT080013352
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid

OK AUTO GROUP INC (Continued) **S113156241**

	Regeneration, Organics Recovery Ect
Tons:	0.12510
Year:	2017
Gepaid:	CAL000343623
TSD EPA ID:	CAD008252405
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05
Year:	2017
Gepaid:	CAL000343623
TSD EPA ID:	CAD008252405
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.59214

Click this hyperlink while viewing on your computer to access
35 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2013
Gen EPA ID:	CAL000343623
Shipment Date:	20131219
Creation Date:	5/17/2014 22:15:09
Receipt Date:	20131219
Manifest ID:	011663854JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.08757
Waste Quantity:	21
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131213
Creation Date:	5/17/2014 22:15:09
Receipt Date:	20131213
Manifest ID:	011663591JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.054
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131017
Creation Date:	3/12/2014 22:15:10
Receipt Date:	20131017
Manifest ID:	011666551JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130926
Creation Date:	2/22/2014 22:15:18
Receipt Date:	20130926
Manifest ID:	011664589JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0834

OK AUTO GROUP INC (Continued) **S113156241**

Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130926
Creation Date: 2/22/2014 22:15:18
Receipt Date: 20130926
Manifest ID: 011664589JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.114
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130823
Creation Date: 1/18/2014 22:15:06
Receipt Date: 20130823
Manifest ID: 010805651JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.072
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130711

OK AUTO GROUP INC (Continued) **S113156241**

Creation Date: 12/19/2013 22:15:06
Receipt Date: 20130711
Manifest ID: 010805390JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.09174
Waste Quantity: 22
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130626
Creation Date: 11/27/2013 22:15:18
Receipt Date: 20130626
Manifest ID: 010803967JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.0648
Waste Quantity: 18
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130502
Creation Date: 10/8/2013 22:15:15
Receipt Date: 20130502
Manifest ID: 010804963JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES

OK AUTO GROUP INC (Continued) **S113156241**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130401
Creation Date: 8/23/2013 22:15:06
Receipt Date: 20130401
Manifest ID: 010799910JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.05838
Waste Quantity: 14
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAL000343623

Shipment Date: 20171229
Creation Date: 11/8/2018 18:30:36
Receipt Date: 20180102
Manifest ID: 017895921JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site

OK AUTO GROUP INC (Continued) **S113156241**

Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171117
Creation Date: 7/28/2018 18:34:05
Receipt Date: 20171117
Manifest ID: 017007956JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.09
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171006
Creation Date: 8/1/2018 18:31:24
Receipt Date: 20171006
Manifest ID: 017006172JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Shipment Date:	20170922
Creation Date:	7/10/2018 18:30:19
Receipt Date:	20170922
Manifest ID:	017005667JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0432
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170811
Creation Date:	8/2/2018 18:30:37
Receipt Date:	20170818
Manifest ID:	017480245JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.114
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170811
Creation Date:	8/2/2018 18:30:37
Receipt Date:	20170818
Manifest ID:	017480245JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405

OK AUTO GROUP INC (Continued) **S113156241**

Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170731
Creation Date:	12/1/2018 18:30:20
Receipt Date:	20170731
Manifest ID:	017003496JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170609
Creation Date:	7/12/2018 18:30:13
Receipt Date:	20170609
Manifest ID:	016998427JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.09174
Waste Quantity:	22
Quantity Unit:	G

OK AUTO GROUP INC (Continued) **S113156241**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170407
Creation Date: 5/12/2018 18:31:59
Receipt Date: 20170407
Manifest ID: 016248875JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170309
Creation Date: 5/11/2018 18:32:17
Receipt Date: 20170309
Manifest ID: 016241377JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009

OK AUTO GROUP INC (Continued) **S113156241**

Gen EPA ID: CAL000343623

Shipment Date: 20091209
Creation Date: 7/20/2010 18:30:17
Receipt Date: 20091209
Manifest ID: 005783895JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.10425
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20091116
Creation Date: 5/27/2010 18:30:53
Receipt Date: 20091116
Manifest ID: 005782731JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.126
Waste Quantity: 35
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090918
Creation Date: 3/11/2010 18:30:17
Receipt Date: 20090918
Manifest ID: 005780552JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.1044
Waste Quantity: 29
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090918
Creation Date: 3/11/2010 18:30:17
Receipt Date: 20090918
Manifest ID: 005780636JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.12093
Waste Quantity: 29
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090618
Creation Date: 11/25/2009 18:30:38
Receipt Date: 20090618
Manifest ID: 005769378JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1102

OK AUTO GROUP INC (Continued) **S113156241**

Waste Quantity: 29
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090618
Creation Date: 11/25/2009 18:30:38
Receipt Date: 20090618
Manifest ID: 005769378JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.10008
Waste Quantity: 24
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAL000343623

Shipment Date: 20111219
Creation Date: 5/25/2012 20:30:23
Receipt Date: 20111219
Manifest ID: 008715516JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111107
Creation Date: 6/15/2012 20:30:07
Receipt Date: 20111107
Manifest ID: 008713904JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111020
Creation Date: 4/12/2012 20:30:13
Receipt Date: 20111020
Manifest ID: 008713551JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.0468
Waste Quantity: 13
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110902
Creation Date: 3/19/2012 20:30:14
Receipt Date: 20110902
Manifest ID: 008712199JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER

OK AUTO GROUP INC (Continued) **S113156241**

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.072
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110711
Creation Date: 12/20/2011 18:30:24
Receipt Date: 20110711
Manifest ID: 008662316JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110606
Creation Date: 12/9/2011 18:30:43
Receipt Date: 20110606
Manifest ID: 008660368JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110606
Creation Date: 12/9/2011 18:30:43
Receipt Date: 20110606
Manifest ID: 008660368JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.10008
Waste Quantity: 24
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110328
Creation Date: 9/13/2011 18:30:19
Receipt Date: 20110328
Manifest ID: 007420450JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Shipment Date: 20110214
Creation Date: 7/14/2011 18:30:34
Receipt Date: 20110214
Manifest ID: 007419096JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.10425
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110131
Creation Date: 6/27/2011 18:30:10
Receipt Date: 20110131
Manifest ID: 007418250JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.072
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAL000343623

Shipment Date: 20121114
Creation Date: 4/15/2013 22:15:20
Receipt Date: 20121114
Manifest ID: 010724702JJK
Trans EPA ID: CAR000194837

OK AUTO GROUP INC (Continued) **S113156241**

Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120927
Creation Date:	3/22/2013 22:15:17
Receipt Date:	20120927
Manifest ID:	009830960JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.07089
Waste Quantity:	17
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120921
Creation Date:	3/22/2013 22:15:17
Receipt Date:	20120921
Manifest ID:	009830642JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005

OK AUTO GROUP INC (Continued) **S113156241**

Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.09
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120727
Creation Date: 1/9/2013 22:15:17
Receipt Date: 20120727
Manifest ID: 009825992JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.0648
Waste Quantity: 18
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120712
Creation Date: 6/1/2013 22:15:05
Receipt Date: 20120712
Manifest ID: 009825845JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.06672
Waste Quantity: 16
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Shipment Date: 20120531
Creation Date: 6/5/2013 22:15:06
Receipt Date: 20120531
Manifest ID: 009824407JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120531
Creation Date: 6/5/2013 22:15:06
Receipt Date: 20120531
Manifest ID: 009824407JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.018
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120409
Creation Date: 10/19/2012 22:15:36
Receipt Date: 20120409
Manifest ID: 009822812JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405

OK AUTO GROUP INC (Continued) **S113156241**

Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120409
Creation Date: 10/19/2012 22:15:36
Receipt Date: 20120409
Manifest ID: 009822812JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.114
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120409
Creation Date: 10/19/2012 22:15:36
Receipt Date: 20120409
Manifest ID: 009822812JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G

OK AUTO GROUP INC (Continued) **S113156241**

Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAL000343623

Shipment Date: 20101206
Creation Date: 5/19/2011 18:30:24
Receipt Date: 20101206
Manifest ID: 007416187JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101012
Creation Date: 4/22/2011 18:30:28
Receipt Date: 20101012
Manifest ID: 007414715JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0912
Waste Quantity: 24
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Shipment Date:	20101012
Creation Date:	4/22/2011 18:30:28
Receipt Date:	20101012
Manifest ID:	007414715JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101012
Creation Date:	4/22/2011 18:30:28
Receipt Date:	20101012
Manifest ID:	007414715JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05004
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101008
Creation Date:	4/22/2011 18:30:28
Receipt Date:	20101008
Manifest ID:	007414350JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405

OK AUTO GROUP INC (Continued) **S113156241**

Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.0648
Waste Quantity: 18
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100813
Creation Date: 2/1/2011 18:30:18
Receipt Date: 20100813
Manifest ID: 006545255JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.072
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100712
Creation Date: 1/24/2011 18:30:37
Receipt Date: 20100713
Manifest ID: 006495151JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.09591
Waste Quantity: 23
Quantity Unit: G

OK AUTO GROUP INC (Continued) **S113156241**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100621
Creation Date: 1/24/2011 18:30:30
Receipt Date: 20100622
Manifest ID: 006493707JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.072
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100503
Creation Date: 12/16/2010 18:31:07
Receipt Date: 20100503
Manifest ID: 006492207JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.08757
Waste Quantity: 21
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100423
Creation Date: 12/16/2010 18:30:53
Receipt Date: 20100423

OK AUTO GROUP INC (Continued) **S113156241**

Manifest ID: 006491472JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.108
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAL000343623

Shipment Date: 20151211
Creation Date: 9/26/2016 18:30:40
Receipt Date: 20151211
Manifest ID: 014546284JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151113
Creation Date: 5/23/2016 18:30:23
Receipt Date: 20151113
Manifest ID: 014544816JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.114
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151029
Creation Date: 5/4/2016 22:15:55
Receipt Date: 20151029
Manifest ID: 014544400JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.06672
Waste Quantity: 16
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151016
Creation Date: 5/4/2016 22:15:55
Receipt Date: 20151016
Manifest ID: 014544057JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.09
Waste Quantity: 25

OK AUTO GROUP INC (Continued) **S113156241**

Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150821
Creation Date: 2/9/2016 22:15:26
Receipt Date: 20150821
Manifest ID: 014406334JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.036
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150814
Creation Date: 2/9/2016 22:16:04
Receipt Date: 20150814
Manifest ID: 014406283JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0834
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150630
Creation Date: 1/25/2016 22:15:12

OK AUTO GROUP INC (Continued) **S113156241**

Receipt Date: 20150630
Manifest ID: 014452094JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150626
Creation Date: 1/25/2016 22:15:12
Receipt Date: 20150626
Manifest ID: 014547373JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150508
Creation Date: 11/6/2015 22:15:24
Receipt Date: 20150508
Manifest ID: 014451692JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES

OK AUTO GROUP INC (Continued) **S113156241**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0834
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150508
Creation Date: 11/6/2015 22:15:24
Receipt Date: 20150508
Manifest ID: 014451692JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1786
Waste Quantity: 47
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAL000343623

Shipment Date: 20151211
Creation Date: 9/26/2016 18:30:40
Receipt Date: 20151211
Manifest ID: 014546284JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site

OK AUTO GROUP INC (Continued) **S113156241**

Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151113
Creation Date: 5/23/2016 18:30:23
Receipt Date: 20151113
Manifest ID: 014544816JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.114
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151029
Creation Date: 5/4/2016 22:15:55
Receipt Date: 20151029
Manifest ID: 014544400JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.06672
Waste Quantity: 16
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Shipment Date: 20151016
Creation Date: 5/4/2016 22:15:55
Receipt Date: 20151016
Manifest ID: 014544057JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.09
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150821
Creation Date: 2/9/2016 22:15:26
Receipt Date: 20150821
Manifest ID: 014406334JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.036
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150814
Creation Date: 2/9/2016 22:16:04
Receipt Date: 20150814
Manifest ID: 014406283JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405

OK AUTO GROUP INC (Continued) **S113156241**

Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0834
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150630
Creation Date: 1/25/2016 22:15:12
Receipt Date: 20150630
Manifest ID: 014452094JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150626
Creation Date: 1/25/2016 22:15:12
Receipt Date: 20150626
Manifest ID: 014547373JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.054
Waste Quantity: 15

OK AUTO GROUP INC (Continued) **S113156241**

Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150508
Creation Date:	11/6/2015 22:15:24
Receipt Date:	20150508
Manifest ID:	014451692JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1786
Waste Quantity:	47
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150508
Creation Date:	11/6/2015 22:15:24
Receipt Date:	20150508
Manifest ID:	014451692JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014

OK AUTO GROUP INC (Continued) **S113156241**

Gen EPA ID: CAL000343623

Shipment Date: 20141113
Creation Date: 4/9/2015 22:15:05
Receipt Date: 20141113
Manifest ID: 013236985JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140926
Creation Date: 2/13/2015 22:15:17
Receipt Date: 20140926
Manifest ID: 011662542JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.114
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140919
Creation Date: 6/24/2015 22:15:21
Receipt Date: 20140919
Manifest ID: 013234833JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.08757
Waste Quantity: 21
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140919
Creation Date: 6/24/2015 22:15:21
Receipt Date: 20140919
Manifest ID: 013234833JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.09
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140725
Creation Date: 12/19/2014 22:15:01
Receipt Date: 20140725
Manifest ID: 013235306JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.054

OK AUTO GROUP INC (Continued) **S113156241**

Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140603
Creation Date: 11/11/2014 22:15:05
Receipt Date: 20140603
Manifest ID: 013243104JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.07089
Waste Quantity: 17
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140603
Creation Date: 11/11/2014 22:15:05
Receipt Date: 20140603
Manifest ID: 013243104JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.11259
Waste Quantity: 27
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140603

OK AUTO GROUP INC (Continued) **S113156241**

Creation Date:	11/11/2014 22:15:05
Receipt Date:	20140603
Manifest ID:	013243104JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.114
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140530
Creation Date:	11/1/2014 22:15:11
Receipt Date:	20140530
Manifest ID:	013240655JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140403
Creation Date:	9/6/2014 22:15:06
Receipt Date:	20140403
Manifest ID:	011662424JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES

OK AUTO GROUP INC (Continued) **S113156241**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.072
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: OK AUTO COLLISION CENTER INC
Address: 2558 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 139780
CERS ID: 10285111
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 139780
Site Name: OK AUTO COLLISION CENTER INC
Violation Date: 05-23-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 06/30/2014.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139780
Site Name: OK AUTO COLLISION CENTER INC
Violation Date: 12-13-2018
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/13/2018. OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency. CORRECTED ON SITE.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139780
Site Name: OK AUTO COLLISION CENTER INC
Violation Date: 06-23-2017

OK AUTO GROUP INC (Continued) **S113156241**

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 10/18/2017. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Report hazardous materials 55 gallons or more including waste solvents, solvents, and waste paint booth filters. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139780
Site Name: OK AUTO COLLISION CENTER INC
Violation Date: 12-18-2020
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 01/14/2021. OBSERVATION: The business failed to electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139780
Site Name: OK AUTO COLLISION CENTER INC
Violation Date: 12-18-2020
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 01/14/2021. OBSERVATION: Uniform Hazardous Waste Manifests for waste paint, used coolant, used sand paper were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for waste paint, used coolant, used sand paper and submit copies to the CUPA inspector.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2014

OK AUTO GROUP INC (Continued) **S113156241**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Paul Chou
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Rebecca Loo, Accountant
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Rebecca Loo, Accountant
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jimmy Sun, CEO
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: OK AUTO COLLISION CENTER INC
Entity Title: Not reported
Affiliation Address: 2558 LEE AVE.
Affiliation City: South EL Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 448-8659

Affiliation Type Desc: Document Preparer
Entity Name: Xin Zhang
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Xin Zhang
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Ok Auto Collision Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported

OK AUTO GROUP INC (Continued) **S113156241**

Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Environmental Contact
Entity Name: Xin Zhang
Entity Title: Not reported
Affiliation Address: 2558 LEE AVE.
Affiliation City: South EL Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2558 LEE AVE.
Affiliation City: South EL Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: OK AUTO COLLISION CENTER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 448-8659

HWTS:
Name: OK AUTO COLLISION CENTER INC
Address: 2558 LEE AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAL000434822
Inactive Date: Not reported
Create Date: 04/09/2018
Last Act Date: 01/06/2021
Mailing Name: Not reported
Mailing Address: 2558 LEE AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733
Owner Name: OK AUTO COLLISION CENTER INC
Owner Address: 2558 LEE AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Name: LINDA LIU
Contact Address: 2558 LEE AVE

OK AUTO GROUP INC (Continued) **S113156241**

Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733

NAICS:

EPA ID:	CAL000434822
Create Date:	2018-04-09 09:26:35.060
NAICS Code:	811121
NAICS Description:	Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date:	2018-04-09 09:26:35.04300
Inactive Date:	Not reported
Facility Name:	OK AUTO COLLISION CENTER INC
Facility Address:	2558 LEE AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91733

Name:	OK AUTO GROUP INC
Address:	2558 LEE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAP000256321
Inactive Date:	02/26/2016
Create Date:	10/27/2015
Last Act Date:	02/26/2016
Mailing Name:	Not reported
Mailing Address:	2558 LEE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	OK AUTO GROUP INC
Owner Address:	2558 LEE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Name:	PAUL CHOU
Contact Address:	2558 LEE AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733

Name:	OK AUTO GROUP INC
Address:	2558 LEE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331410
EPA ID:	CAL000343623
Inactive Date:	06/30/2020
Create Date:	06/02/2009
Last Act Date:	01/04/2021
Mailing Name:	Not reported
Mailing Address:	2558 LEE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917331410
Owner Name:	FRANK CHAO
Owner Address:	2558 LEE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917331410
Contact Name:	PO CHOU
Contact Address:	2558 LEE AVE

OK AUTO GROUP INC (Continued) **S113156241**

Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733

NAICS:
EPA ID: CAL000343623
Create Date: 2009-06-02 13:42:07.270
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 2009-06-02 13:42:07.24000
Inactive Date: 2020-06-30 00:00:00
Facility Name: OK AUTO GROUP INC
Facility Address: 2558 LEE AVE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: Not reported
Facility State: CA
Facility Zip: 917331410

Q140 **OK AUTO GROUP INC** **RCRA-VSQG** **1018155024**
West **2558 LEE AVE** **CAL000343623**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.170 mi.
895 ft. **Site 4 of 6 in cluster Q**

Relative: Lower
Actual: 237 ft.

RCRA-VSQG:
Date Form Received by Agency: 2015-10-27 00:00:00.0
Handler Name: OK AUTO GROUP INC
Handler Address: 2558 LEE AVE
Handler City,State,Zip: SOUTH EL MONTE, CA 91733-1410
EPA ID: CAL000343623
Contact Name: PO CHOU
Contact Address: LEE AVE
Contact City,State,Zip: SOUTH EL MONTE, CA 91733-1410
Contact Telephone: 626-448-8659
Contact Fax: 626-448-9753
Contact Email: Not reported
Contact Title: MG
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: LEE AVE
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733-1410
Owner Name: OK AUTO GROUP INC
Owner Type: Private
Operator Name: OK AUTO GROUP INC
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No

OK AUTO GROUP INC (Continued) **1018155024**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-10-27 16:53:26.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

OK AUTO GROUP INC (Continued) **1018155024**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: OK AUTO GROUP INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2558 LEE AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-448-8659
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OK AUTO GROUP INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2015-10-27 00:00:00.0
Handler Name: OK AUTO GROUP INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2014-10-27 00:00:00.0
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

OK AUTO GROUP INC (Continued) **1018155024**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2014-10-27 00:00:00.0
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

OK AUTO GROUP INC (Continued) **1018155024**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2014-10-27 00:00:00.0
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2014-10-27 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SYLIN

OK AUTO GROUP INC (Continued) **1018155024**

Evaluation Responsible Sub-Organization: 41
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2014-10-27 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SYLIN
Evaluation Responsible Sub-Organization: 41
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2014-10-27 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SYLIN
Evaluation Responsible Sub-Organization: 41
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Q141 **OK AUTO COLLISION CENTER INC** **RCRA NonGen / NLR** **1024866238**
West **2558 LEE AVE** **CAL000434822**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.170 mi.
895 ft. **Site 5 of 6 in cluster Q**

Relative:
Lower

Actual:
237 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2018-04-09 00:00:00.0
Handler Name: OK AUTO COLLISION CENTER INC
Handler Address: 2558 LEE AVE
Handler City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAL000434822
Contact Name: LINDA LAU
Contact Address: 2558 LEE AVE
Contact City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Telephone: 323-868-9988
Contact Fax: 626-448-9753
Contact Email: OKAUTOCOLLISIONCENTER@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported

OK AUTO COLLISION CENTER INC (Continued) **1024866238**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2558 LEE AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	OK AUTO COLLISION CENTER INC
Owner Type:	Other
Operator Name:	LINDA LAU
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

OK AUTO COLLISION CENTER INC (Continued) **1024866238**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:37:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDA LAU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2558 LEE AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	323-868-9988
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OK AUTO COLLISION CENTER INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2558 LEE AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-448-8659
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-04-09 00:00:00.0
Handler Name:	OK AUTO COLLISION CENTER INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

OK AUTO COLLISION CENTER INC (Continued) **1024866238**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

V142 **WSW** **1/8-1/4** **0.171 mi.** **904 ft.**	**HARMONY METAL POLISHING** **2510 LEE AVE** **SOUTH EL MONTE, CA 91733** **Site 2 of 10 in cluster V**	**WIP**	**S106765662** **N/A**

Relative: **Lower**

Actual: **236 ft.**

WIP:

Name:	HARMONY METAL POLISHING
Address:	2510 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1010
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

V143 **WSW** **1/8-1/4** **0.171 mi.** **904 ft.**	**HARMONY METAL FINISHING** **2510 LEE AVE** **EL MONTE, CA 91733** **Site 3 of 10 in cluster V**	**RCRA-SQG** **FINDS** **ECHO**	**1000301905** **CAD009635764**

Relative: **Lower**

Actual: **236 ft.**

RCRA-SQG:

Date Form Received by Agency:	1986-01-16 00:00:00.0
Handler Name:	HARMONY METAL FINISHING
Handler Address:	2510 LEE AVE
Handler City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAD009635764
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2510 LEE AVE
Contact City,State,Zip:	EL MONTE, CA 91733
Contact Telephone:	818-442-0242
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	2510 NORTH LEE
Mailing City,State,Zip:	SO EL MONTE, CA 91733
Owner Name:	JAMES WELCHER
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private

HARMONY METAL FINISHING (Continued) **1000301905**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:23:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

HARMONY METAL FINISHING (Continued) **1000301905**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAMES WELCHER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1986-01-16 00:00:00.0
Handler Name:	HARMONY METAL FINISHING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110002637503

HARMONY METAL FINISHING (Continued) **1000301905**

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000301905
Registry ID: 110002637503
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002637503
Name: HARMONY METAL FINISHING
Address: 2510 LEE AVE
City,State,Zip: EL MONTE, CA 91733

V144 **West** **1/8-1/4** **0.172 mi.** **909 ft.**	**COATINGS RESOURCE CORP.** **2552 LEE AVE** **SOUTH EL MONTE, CA 91733** **Site 4 of 10 in cluster V**	**CPS-SLIC** **WIP** **CERS**	**S106484525** **N/A**

Relative: **Lower**

Actual: **237 ft.**

CPS-SLIC:

Name: COATINGS RESOURCE CORP.
Address: 2552 LEE AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Open - Inactive**
Status Date: 01/29/2015
Global Id: SL603798709
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.055406
Longitude: -118.066308
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0102
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name: COATINGS RESOURCE CORP.
Address: 2552 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0102
File Status: **Active**

COATINGS RESOURCE CORP. (Continued) **S106484525**

Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: COATINGS RESOURCE CORP.
Address: 2552 LEE AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 259206
CERS ID: SL603798709
CERS Description: Cleanup Program Site

V145
West
1/8-1/4
0.173 mi.
915 ft.

M - MACHINE
2516 LEE AVE
SOUTH EL MONTE, CA 91733

WIP **S106765749**
N/A

Site 5 of 10 in cluster V

Relative: **Lower**
Actual: **236 ft.**

WIP:
Name: M - MACHINE
Address: 2516 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1157
File Status: **Historical**
Staff: KELLIOTT
Facility Suite: 1/2

W146
North
1/8-1/4
0.174 mi.
918 ft.

CO-OP BACKHOE
2710 N BRUIN AVE
SOUTH EL MONTE, CA 91733

WIP **S106766167**
N/A

Site 1 of 3 in cluster W

Relative: **Higher**
Actual: **244 ft.**

WIP:
Name: CO-OP BACKHOE
Address: 2710 N Bruin Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1956
File Status: **Historical**
Staff: ACARLOS
Facility Suite: Not reported

V147
WSW
1/8-1/4
0.174 mi.
918 ft.

LORENZO AND SONS BOILER GASKET
2512 LEE AVE
SOUTH EL MONTE, CA 91733

WIP **S106765747**
N/A

Site 6 of 10 in cluster V

Relative: **Lower**
Actual: **236 ft.**

WIP:
Name: LORENZO AND SONS BOILER GASKET
Address: 2512 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4

LORENZO AND SONS BOILER GASKET (Continued) **S106765747**

File Number: 107.1154
File Status: Historical
Staff: KELLIOTT
Facility Suite: Not reported

N148
SW
1/8-1/4
0.174 mi.
920 ft.

CHAMP CORP
2425 TROY AVE
SOUTH EL MONTE, CA 91733

SWEEPS UST
LOS ANGELES CO. HMS

S104913075
N/A

Site 2 of 7 in cluster N

Relative:
Lower

Actual:
236 ft.

SWEEPS UST:

Name: CHAMP CORPORATION
Address: 2425 N TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9431
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009431-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 2

Name: CHAMP CORPORATION
Address: 2425 N TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9431
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009431-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:

Name: CHAMP CORP
Address: 2425 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA

CHAMP CORP (Continued) **S104913075**

Permit Category: T
Facility Id: 009604-009431
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000514T
Permit Status: Removed

P149
SE
1/8-1/4
0.175 mi.
925 ft.

AMERICAN GENERAL BUSINESS SYST
2430 CHICO AVE
SOUTH EL MONTE, CA 91733

CPS-SLIC **S106484637**
WIP **N/A**
CERS

Site 11 of 12 in cluster P

Relative:
Higher

Actual:
243 ft.

CPS-SLIC:

Name:	AMERICAN GENERAL BUSINESS SYST
Address:	2430 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/29/2014
Global Id:	SL603798828
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0562509015367
Longitude:	-118.059771700733
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.2175
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	AMERICAN GENERAL BUSINESS SYST
Address:	2430 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.2175
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

CERS:

Name:	AMERICAN GENERAL BUSINESS SYST
Address:	2430 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	216638
CERS ID:	SL603798828
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker

AMERICAN GENERAL BUSINESS SYST (Continued) **S106484637**

Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

P150
ESE
1/8-1/4
0.176 mi.
930 ft.

PRIME ENGINEERING
9640 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

Site 12 of 12 in cluster P

CPS-SLIC
WIP
CERS

S106484610
N/A

Relative:
Higher

Actual:
245 ft.

CPS-SLIC:

Name:	PRIME ENGINEERING
Address:	9640 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	09/29/1997
Global Id:	SL603798800
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.05552
Longitude:	-118.058057
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.1387
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	PRIME ENGINEERING
Address:	9640 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1387
File Status:	**Historical**
Staff:	CORTEZ
Facility Suite:	Not reported

CERS:

Name:	PRIME ENGINEERING
Address:	9640 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	225506
CERS ID:	SL603798800
CERS Description:	Cleanup Program Site

X151	**DIAL ONE BUY-RITE TRMITE CNTRL**	**WIP**	**S106765414**
WSW	**2502 LEE AVE**		**N/A**
1/8-1/4	**SOUTH EL MONTE, CA 91733**		
0.177 mi.			
937 ft.	**Site 1 of 14 in cluster X**		

Relative: **Lower**

Actual: **236 ft.**

WIP:

Name:	DIAL ONE BUY-RITE TRMITE CNTRL
Address:	2502 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0638
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

V152	**DAY-GLO COLOR CORP**	**RCRA-SQG**	**1000138891**
West	**2552 N LEE AVE**	**EMI**	**CAD000043158**
1/8-1/4	**SOUTH EL MONTE, CA 91733**	**LOS ANGELES CO. HMS**	
0.178 mi.			
939 ft.	**Site 7 of 10 in cluster V**		

Relative: **Lower**

Actual: **236 ft.**

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	DAY-GLO COLOR CORP
Handler Address:	2552 N LEE AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD000043158
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	2552 N. LEE AVENUE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	DAY-GLO COLOR CORP.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

DAY-GLO COLOR CORP (Continued) **1000138891**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:22:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAY-GLO COLOR CORP.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2552 N. LEE AVENUE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	213-283-7561
Owner/Operator Telephone Ext:	Not reported

DAY-GLO COLOR CORP (Continued) **1000138891**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DAY-GLO COLOR CORP.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2552 N. LEE AVENUE
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 213-283-7561
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: DAY-GLO COLOR CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-01 00:00:00.0
Handler Name: DAY-GLO COLOR CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32551
NAICS Description: PAINT AND COATING MANUFACTURING

NAICS Code: 32591
NAICS Description: PRINTING INK MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

DAY-GLO COLOR CORP (Continued) **1000138891**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1999-09-27 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

EMI:
Name: COATINGS RESOURCE CORP
Address: 2552 N LEE
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 53081
Air District Name: SC

DAY-GLO COLOR CORP (Continued) **1000138891**

SIC Code: 2851
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

LOS ANGELES CO. HMS:
Name: DAY-GLO COLOR CORP
Address: 2552 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 000565-I00568
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000009283
Permit Status: Closed

N153 **BROADWAY PLASTIC CORP** **CERS HAZ WASTE** **S118234722**
SW **2423 TROY AVE** **HAZNET** **N/A**
1/8-1/4 **S EL MONTE, CA 91733** **CERS**
0.180 mi. **HWTS**
949 ft. **Site 3 of 7 in cluster N**

Relative: Lower
Actual: 236 ft.

CERS HAZ WASTE:
Name: SOUTH ALLIANCE INDUSTRIAL MACHINE
Address: 2423 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 571277
CERS ID: 10282567
CERS Description: Hazardous Waste Generator

HAZNET:
Name: BROADWAY PLASTIC CORP
Address: 2423 TROY AVE
Address 2: Not reported
City,State,Zip: S EL MONTE, CA 91733
Contact: JASON WANG
Telephone: 6266605500
Mailing Name: Not reported
Mailing Address: 2423 TROY AVE

Year: 2016
Gepaid: CAL000392160
TSD EPA ID: AZR000506980
CA Waste Code: 352 - Other organic solids
Disposal Method: -
Tons: 33.712

Year: 2016

BROADWAY PLASTIC CORP (Continued) **S118234722**

Gepaid: CAL000392160
TSD EPA ID: NVT330010000
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00417

Year: 2016
Gepaid: CAL000392160
TSD EPA ID: CAD028409019
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2085

Year: 2016
Gepaid: CAL000392160
TSD EPA ID: CAD008488025
CA Waste Code: 123 - Unspecified alkaline solution
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.22101

Year: 2016
Gepaid: CAL000392160
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 274.7528

Year: 2016
Gepaid: CAL000392160
TSD EPA ID: AZR000515924
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.22101

Year: 2016
Gepaid: CAL000392160
TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2

Year: 2016
Gepaid: CAL000392160
TSD EPA ID: AZR000515924
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.084

Year: 2016
Gepaid: CAL000392160

BROADWAY PLASTIC CORP (Continued) **S118234722**

TSD EPA ID: Not reported
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.35

Year: 2016
Gepaid: CAL000392160
TSD EPA ID: Not reported
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.10425

Click this hyperlink while viewing on your computer to access
3 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2014
Gen EPA ID: CAL000392160

Shipment Date: 20141210
Creation Date: 6/25/2015 22:16:11
Receipt Date: 20141223
Manifest ID: 002506638GBF
Trans EPA ID: CAL000224539
Trans Name: FRS ENVIRONMENTAL INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140306
Creation Date: 7/24/2014 22:15:15
Receipt Date: 20140310
Manifest ID: 012379116JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: CAR000189928
Trans 2 Name: NV TRANSPORT
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY

BROADWAY PLASTIC CORP (Continued) **S118234722**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 2.31
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140306
Creation Date: 7/24/2014 22:15:15
Receipt Date: 20140310
Manifest ID: 012379116JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: CAR000189928
Trans 2 Name: NV TRANSPORT
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.6
Waste Quantity: 1200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140306
Creation Date: 7/24/2014 22:15:15
Receipt Date: 20140310
Manifest ID: 012379116JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: CAR000189928
Trans 2 Name: NV TRANSPORT
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 3.045

BROADWAY PLASTIC CORP (Continued) **S118234722**

Waste Quantity: 725
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: SOUTH ALLIANCE INDUSTRIAL MACHINE
Address: 2423 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 571277
CERS ID: 10282567
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 571277
Site Name: South Alliance Industrial Machine
Violation Date: 04-05-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 09/19/2016. OBSERVATION: Sixteen empty 55-gal steel drums labeled as flammable were found on the east side of the building. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 571277
Site Name: South Alliance Industrial Machine
Violation Date: 04-05-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/19/2016. OBSERVATION: At least 12 drums, which contain corrosive and oily liquids that were removed from the process of emptying other containers, did not have labels. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 571277

BROADWAY PLASTIC CORP (Continued) **S118234722**

Site Name: South Alliance Industrial Machine
Violation Date: 04-05-2016
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes: Returned to compliance on 09/19/2016. OBSERVATION: At the time of inspection, it could not be demonstrated (not necessarily documented) that employees who handle hazardous waste were properly trained. Lack of proper training resulted in a chemical explosion and injury to one such employee. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 571277
Site Name: South Alliance Industrial Machine
Violation Date: 04-05-2016
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Returned to compliance on 09/19/2016. OBSERVATION: The business plan has not been updated and submitted to the CUPA within 30 days of substantial changes in operations. Facility did not previously accumulate and/or dispose of hazardous wastes. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 571277
Site Name: South Alliance Industrial Machine
Violation Date: 04-05-2016
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes: Returned to compliance on 09/19/2016. OBSERVATION: Approximately twelve 55-gal drums containing mixed residual liquid wastes from containers being handled in the facility. Any person who generates a waste shall determine if the waste is a hazardous waste. CORRECTIVE ACTION: Immediately make a hazardous waste determination for the potentially corrosive, toxic, and/or flammable, and manage it according the Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 571277

BROADWAY PLASTIC CORP (Continued) **S118234722**

Site Name: South Alliance Industrial Machine
Violation Date: 04-05-2016
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Returned to compliance on 09/19/2016. OBSERVATION: The business plan has not been updated and submitted to this department within 30 days of handling a previously undisclosed hazardous material. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 571277
Site Name: South Alliance Industrial Machine
Violation Date: 04-05-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 09/19/2016. OBSERVATION: At least 12 drums without lids were observed on the north side of the container washing area. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 571277
Site Name: South Alliance Industrial Machine
Violation Date: 01-07-2021
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 01/20/2021. OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 571277
Site Name: South Alliance Industrial Machine
Violation Date: 04-05-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95,

BROADWAY PLASTIC CORP (Continued) **S118234722**

	Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/19/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	571277
Site Name:	South Alliance Industrial Machine
Violation Date:	04-05-2016
Citation:	40 CFR 1 265.177 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.177
Violation Description:	Failure to ensure incompatible waste and/or materials are not placed or stored in the same container or nearby or into an unwashed container, which previously contained incompatible waste and/or materials, so that it does not potentially result in the following: 1) Generate extreme heat or pressure, fire or explosion, or violent reaction; 2) Produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health or the environment; 3) Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions; 4) Damage the structural integrity of the device or facility containing the waste; or 5) Through other like means threaten human health or the environment.
Violation Notes:	Returned to compliance on 09/19/2016. OBSERVATION: Incompatible wastes were combined as the contents of one drum was poured in another drum containing another chemical mixture. No determination was made as to the compatibility of the wastes stored together or into the unwashed container. The generator shall store incompatible hazardous wastes to prevent any reaction as described in Title 22. CORRECTIVE ACTION: Immediately transfer or separate incompatible wastes to other container(s) or by separting container(s) to prevent a reaction or manage in another way in accordance with Title 22 regulations.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	571277
Site Name:	South Alliance Industrial Machine
Violation Date:	04-05-2016
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Returned to compliance on 09/19/2016. OBSERVATION: The Owner/Operator failed to obtain an active hazardous waste generator permit. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste. Every person, business, or business

BROADWAY PLASTIC CORP (Continued) **S118234722**

concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. Upon receipt of full payment from a unified program facility for all the annual fees, including previous unpaid annual fees, any late payment penalties and the state imposed service [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 571277
Site Name: South Alliance Industrial Machine
Violation Date: 04-05-2016
Citation: HSC 6.5 25187.6 - California Health and Safety Code, Chapter 6.5, Section(s) 25187.6
Violation Description: No person shall remove, transfer, or dispose of the hazardous waste until permission for removal, transfer, or disposal is given by an authorized agent.
Violation Notes: Returned to compliance on 09/19/2016. OBSERVATION: Owner/Operator removed, transferred, or disposed of a hazardous waste without permission for removal, transfer, or disposal is given by an authorized agent. Hazardous waste was disposed of in 2014 under manifest while the facility did not have a hazardous waste permit from the CUPA. CORRECTIVE ACTION: Owner/Operator shall immediately include or verify that the facility operational procedures/training includes and does not allow for removal, transfer or disposal of a hazardous waste without permission from a designated employee and that these authorized agents are clearly noted in the facilities operational procedures. All employees shall be retrained on these procedures and the training documented and submitted to the CUPA within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Erika Hidalgo, office manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

BROADWAY PLASTIC CORP (Continued) **S118234722**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-05-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jason Wang, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-05-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jason Wang, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Out of Business.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Out of Business.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility closed. Business evicted as of 8/24/16. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility closed. Business evicted as of 8/24/16. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2013
Violations Found: No

BROADWAY PLASTIC CORP (Continued) **S118234722**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by A. DeSilva Consent given by Jason Wang
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Parent Corporation
Entity Name: South Alliance Industrial Machine Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: ENRIQUE HIDALGO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 575-3392

Affiliation Type Desc: Legal Owner
Entity Name: South Alliance Industrial Machine Inc
Entity Title: Not reported
Affiliation Address: 2423 TROY AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 575-3392

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire

BROADWAY PLASTIC CORP (Continued) **S118234722**

Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Document Preparer
Entity Name: Erika Hidalgo
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: ERIKA HIDALGO
Entity Title: Not reported
Affiliation Address: 2423 TROY AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2423 TROY AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Erika Hidalgo
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: BROADWAY PLASTIC CORP
Address: 2423 TROY AVE
Address 2: Not reported
City,State,Zip: S EL MONTE, CA 91733
EPA ID: CAL000392160
Inactive Date: 06/30/2016
Create Date: 12/20/2013

BROADWAY PLASTIC CORP (Continued) **S118234722**

Last Act Date:	01/12/2017
Mailing Name:	Not reported
Mailing Address:	2423 TROY AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	S EL MONTE, CA 917330000
Owner Name:	JASON WANG
Owner Address:	5921 ROWLAND AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	TEMPLE CITY, CA 917800000
Contact Name:	JASON WANG
Contact Address:	2423 TROY AVE
Contact Address 2:	Not reported
City,State,Zip:	S EL MONTE, CA 91733

NAICS:

EPA ID:	CAL000392160
Create Date:	2013-12-20 09:04:58.630
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2013-12-20 09:04:58.61300
Inactive Date:	2016-06-30 00:00:00
Facility Name:	BROADWAY PLASTIC CORP
Facility Address:	2423 TROY AVE
Facility Address 2:	Not reported
Facility City:	S EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91733

N154
SW
1/8-1/4
0.180 mi.
949 ft.

SOUTH ALLIANCE INDUSTRIAL MACHINE INC — **RCRA NonGen / NLR** — **1024861046**
2423 TROY AVENUE — **CAL000429510**
SOUTH EL MONTE, CA 91733

Site 4 of 7 in cluster N

Relative: **Lower**

Actual: **236 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2017-07-26 00:00:00.0
Handler Name:	SOUTH ALLIANCE INDUSTRIAL MACHINE INC
Handler Address:	2423 TROY AVENUE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAL000429510
Contact Name:	ERIKA HIDALGO
Contact Address:	2423 TROY AVENUE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-575-3392
Contact Fax:	624-575-0640
Contact Email:	ERIKA.HIDALGO@SOUTH.ALLIANCE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported

SOUTH ALLIANCE INDUSTRIAL MACHINE INC (Continued) **1024861046**

Mailing Address:	2423 TROY AVENUE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	SOUTH ALLIANCE INDUSTRIAL MACHINE I
Owner Type:	Other
Operator Name:	ERIKA HIDALGO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:36:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

SOUTH ALLIANCE INDUSTRIAL MACHINE INC (Continued) **1024861046**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SOUTH ALLIANCE INDUSTRIAL MACHINE I
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2423 TROY AVENUE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-575-3392
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ERIKA HIDALGO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2423 TROY AVENUE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-575-3392
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2017-07-26 00:00:00.0
Handler Name: SOUTH ALLIANCE INDUSTRIAL MACHINE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N155 **SOUTH ALLIANCE INDUSTRIAL MACHINE INC** **SWEEPS UST** **S104913074**
SW **2423 TROY AVENUE** **HAZNET** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
0.180 mi. **HWTS**
949 ft. **Site 5 of 7 in cluster N**

Relative:
Lower

Actual:
236 ft.

SWEEPS UST:

Name:	CHAMP CORPORATION
Address:	2423 N TROY AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	6790
Number:	9
Board Of Equalization:	44-008142
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-006790-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

HAZNET:

Name:	SOUTH ALLIANCE INDUSTRIAL MACHINE INC
Address:	2423 TROY AVENUE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact:	ERIKA HIDALGO
Telephone:	6265753392
Mailing Name:	Not reported
Mailing Address:	2423 TROY AVENUE

Year:	2019
Gepaid:	CAL000429510
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00000

Year:	2018
Gepaid:	CAL000429510
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00000

Year:	2017
Gepaid:	CAL000429510
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

SOUTH ALLIANCE INDUSTRIAL MACHINE INC (Continued) **S104913074**

Tons: 2.166

Additional Info:

Year: 2017
Gen EPA ID: CAL000429510

Shipment Date: 20171221
Creation Date: 8/3/2018 18:30:42
Receipt Date: 20171221
Manifest ID: 003688930GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.045
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170809
Creation Date: 5/29/2018 18:30:43
Receipt Date: 20170809
Manifest ID: 003417345GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.121
Waste Quantity: 295
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

SOUTH ALLIANCE INDUSTRIAL MACHINE INC (Continued) **S104913074**

LOS ANGELES CO. HMS:

Name: CHAMP CORP
Address: 2423 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 006570-006790
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000512T
Permit Status: Removed

HWTS:

Name: SOUTH ALLIANCE INDUSTRIAL MACHINE INC
Address: 2423 TROY AVENUE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAL000429510
Inactive Date: Not reported
Create Date: 07/26/2017
Last Act Date: 04/06/2021
Mailing Name: Not reported
Mailing Address: 2423 TROY AVENUE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733
Owner Name: SOUTH ALLIANCE INDUSTRIAL MACHINE I
Owner Address: 2423 TROY AVENUE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Name: ERIKA HIDALGO
Contact Address: 2423 TROY AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733

NAICS:

EPA ID: CAL000429510
Create Date: 2017-07-26 11:49:42.590
NAICS Code: 336399
NAICS Description: All Other Motor Vehicle Parts Manufacturing
Issued EPA ID Date: 2017-07-26 11:49:42.58700
Inactive Date: 2020-06-30 00:00:00
Facility Name: SOUTH ALLIANCE INDUSTRIAL MACHINE INC
Facility Address: 2423 TROY AVENUE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: Not reported
Facility State: CA
Facility Zip: 91733

N156 **SW** **1/8-1/4** **0.180 mi.** **949 ft.**

BROADWAY PLASTIC
2423 N. TROY AVE.
SOUTH EL MONTE, CA 91733

Site 6 of 7 in cluster N

SEMS — **1019328252** **CAN000903570**

Relative: **Lower**
Actual: **236 ft.**

SEMS:

Site ID:	0903570
EPA ID:	CAN000903570
Name:	BROADWAY PLASTIC
Address:	2423 N. TROY AVE.
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733
Cong District:	Not reported
FIPS Code:	06037
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

N157 **SW** **1/8-1/4** **0.180 mi.** **949 ft.**

CONTRACTORS LIFT TRUCKS INC
2423 N TROY ST
EL MONTE, CA 91733

Site 7 of 7 in cluster N

RCRA-SQG **FINDS** **ECHO** **LOS ANGELES CO. HMS** — **1000149430** **CAD981159437**

Relative: **Lower**
Actual: **236 ft.**

RCRA-SQG:

Date Form Received by Agency:	1997-10-30 00:00:00.0
Handler Name:	CONTRACTORS LIFT TRUCKS INC
Handler Address:	2423 N TROY ST
Handler City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAD981159437
Contact Name:	BOBBIE SMITH
Contact Address:	2423 N TROY ST
Contact City,State,Zip:	EL MONTE, CA 91733
Contact Telephone:	626-444-9561
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2439 N ROSEMEAD BLVD
Mailing City,State,Zip:	EL MONTE, CA 91733
Owner Name:	M AND T COMPANY
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

CONTRACTORS LIFT TRUCKS INC (Continued) **1000149430**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:37:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D006

CONTRACTORS LIFT TRUCKS INC (Continued) **1000149430**

Waste Description: CADMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: M AND T COMPANY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2439 N ROSEMEAD BLVD
Owner/Operator City,State,Zip: EL MONTE, CA 91733
Owner/Operator Telephone: 626-444-9561
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1996-09-01 00:00:00.0
Handler Name: CONTRACTORS LIFT TRUCKS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-01-16 00:00:00.0
Handler Name: CONTRACTORS LIFT TRUCKS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

CONTRACTORS LIFT TRUCKS INC (Continued) **1000149430**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1997-10-30 00:00:00.0
Handler Name: CONTRACTORS LIFT TRUCKS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002677540

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000149430
Registry ID: 110002677540
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002677540
Name: CONTRACTORS LIFT TRUCKS INC
Address: 2423 N TROY ST
City,State,Zip: EL MONTE, CA 91733

LOS ANGELES CO. HMS:
Name: CONTRACTORS LIFT TRUCK INC
Address: 2423 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA

CONTRACTORS LIFT TRUCKS INC (Continued) **1000149430**

Permit Category: I
Facility Id: 006570-I06790
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000006712
Permit Status: Closed

Y158
SW
1/8-1/4
0.182 mi.
960 ft.

CHAMP CORPORATION
SITE: 2423 TROY STREET
EL MONTE, CA 91733

HIST UST **U001569442**
N/A

Site 1 of 6 in cluster Y

Relative:
Lower

Actual:
236 ft.

HIST UST:

Name:	CHAMP CORPORATION
Address:	SITE: 2423 TROY STREET
City,State,Zip:	EL MONTE, CA 91733
File Number:	00026AF3
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026AF3.pdf
Region:	STATE
Facility ID:	00000003582
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	SEE OFFICE
Telephone:	8184449561
Owner Name:	CHAMP CORPORATION
Owner Address:	2439 NO. ROSEMEAD BLVD.
Owner City,St,Zip:	EL MONTE, CA 91733
Total Tanks:	0010

Tank Num:	001
Container Num:	6-7
Year Installed:	1974
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	8
Year Installed:	1979
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	9
Year Installed:	1979
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

CHAMP CORPORATION (Continued) **U001569442**

Tank Num: 004
Container Num: 1
Year Installed: 1954
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 2
Year Installed: 1954
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 3
Year Installed: 1971
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 007
Container Num: 4
Year Installed: 1971
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 008
Container Num: 5
Year Installed: 1971
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 009
Container Num: #10
Year Installed: 1979
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 010
Container Num: #11
Year Installed: 1981

CHAMP CORPORATION (Continued) **U001569442**

Tank Capacity: 00000685
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

R159
NE
1/8-1/4
0.185 mi.
979 ft.

JAYBIRD CAMPERS
2734 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 3 of 4 in cluster R

WIP **S106765706**
N/A

Relative:
Higher

Actual:
248 ft.

WIP:
Name: JAYBIRD CAMPERS
Address: 2734 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1083
File Status: **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

Q160
WNW
1/8-1/4
0.186 mi.
981 ft.

VACANT BUILDING
2620 LEE AVE
SOUTH EL MONTE, CA 91733

Site 6 of 6 in cluster Q

WIP **S106765450**
N/A

Relative:
Lower

Actual:
240 ft.

WIP:
Name: VACANT BUILDING
Address: 2620 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0701
File Status: **Historical**
Staff: BPONEK
Facility Suite: Not reported

X161
WSW
1/8-1/4
0.187 mi.
987 ft.

UNITED SPRINKLER COMPANY
2448 LEE AVE
SOUTH EL MONTE, CA 91733

Site 2 of 14 in cluster X

HIST UST **U001569510**
WIP **N/A**

Relative:
Lower

Actual:
236 ft.

HIST UST:
Name: UNITED SPRINKLER COMPANY
Address: 2448 LEE AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 0002841A
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002841A.pdf
Region: STATE
Facility ID: 00000021073
Facility Type: Other

UNITED SPRINKLER COMPANY (Continued) **U001569510**

Other Type: CONSTRUCTION
Contact Name: Not reported
Telephone: 2134427990
Owner Name: UNITED SPRINKLER COMPANY
Owner Address: 2448 LEE AVENUE
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1974
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1969
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

WIP:
Name: UNITED SPRINKLER COMPANY
Address: 2448 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0379
File Status: Historical
Staff: MM
Facility Suite: Not reported

R162 **MEISENBERG GEO D (DEST)** **CERS HAZ WASTE** **S109421764**
NE **2734 CHICO AVE** **LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **CERS**
0.187 mi.
987 ft. **Site 4 of 4 in cluster R**

Relative: Higher
Actual: 248 ft.

CERS HAZ WASTE:
Name: T J CABINET DEPOT
Address: 2734 1/4 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 73112
CERS ID: 10306561
CERS Description: Hazardous Waste Generator

LOS ANGELES CO. HMS:
Name: MEISENBERG GEO D (DEST)
Address: 2734 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA

MEISENBERG GEO D (DEST) (Continued) **S109421764**

Permit Category: Not reported
Facility Id: 002226-I02304
Facility Type: Not reported
Facility Status: OPEN
Area: 3U
Permit Number: Not reported
Permit Status: Not reported

CERS:
Name: T J CABINET DEPOT
Address: 2734 1/4 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 73112
CERS ID: 10306561
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 73112
Site Name: T J CABINET DEPOT
Violation Date: 03-05-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: OBSERVATION: Uniform Hazardous Waste Manifests for waste paint material were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for waste paint material and submit copies to the CUPA inspector.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 73112
Site Name: T J CABINET DEPOT
Violation Date: 04-10-2017
Citation: HSC 6.5 25244.19 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.19
Violation Description: Failure of a generator to conduct, when required, a source reduction evaluation review and plan every four years, and/or failure of the review and plan to contain all required information.
Violation Notes: Returned to compliance on 05/30/2017. OBSERVATION: Observed 1 x 55-gallon drum of waste paint without proper label. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label this container and ensure that it’s marked with all the required information. Since it cannot be determined how long the waste paint has been on site, immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

MEISENBERG GEO D (DEST) (Continued) **S109421764**

Site ID: 73112
Site Name: T J CABINET DEPOT
Violation Date: 02-11-2019
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 03/05/2021. OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency. Go to www.cers.calepa.ca.gov
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 73112
Site Name: T J CABINET DEPOT
Violation Date: 02-11-2019
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 03/12/2020. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 73112
Site Name: T J CABINET DEPOT
Violation Date: 02-11-2019
Citation: Un-Specified
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance
Violation Notes: Returned to compliance on 03/12/2020. OBSERVATION: Owner/Operator failed to obtain or maintain an active permit (Hazardous Waste and Hazardous Materials Permit) CORRECTIVE ACTION: Every business or business concern within the jurisdiction of the LACoCUPA and subject to one or more of the program elements shall be required to apply for, pay the permit fees, and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. The permit required under this section shall be posted and conspicuously displayed at the location falling under the requirements of this chapter. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified

MEISENBERG GEO D (DEST) (Continued) **S109421764**

[Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 73112
Site Name: T J CABINET DEPOT
Violation Date: 03-05-2021
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JOHN WEI
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JOHN WEI
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Charlie Zhang, supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP

MEISENBERG GEO D (DEST) (Continued) **S109421764**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: FU-SHEN LO
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-30-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTED BY A. DESILVA CONSENT GIVEN BY FU-SHEN LO
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: PAUL HSIEH
Entity Title: Not reported
Affiliation Address: 2734 1/4 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: ESVATA LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

MEISENBERG GEO D (DEST) (Continued) **S109421764**

Affiliation Phone: (626) 818-6490

Affiliation Type Desc: Document Preparer
Entity Name: Paul Hsieh
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Paul Hsieh
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2734 1/4 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: ESVATA LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: ESVATA LLC
Entity Title: Not reported
Affiliation Address: 2650 RIVER AVE UNIT D
Affiliation City: ROSEMEAD,

MEISENBERG GEO D (DEST) (Continued) **S109421764**

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 818-6490

X163 **JFC CUSTOM FURNITURE REFINISH** **WIP** **S106765708**
WSW **2519 N LEE AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.188 mi.
995 ft. **Site 3 of 14 in cluster X**

Relative: **Lower**
Actual: **236 ft.**

WIP:

Name:	JFC CUSTOM FURNITURE REFINISH
Address:	2519 N Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1088
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

Z164 **FORMER PRIME ENGINEERING** **CPS-SLIC** **S106766233**
ESE **9702 KLINGERMAN ST** **WIP** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA** **CERS**
0.189 mi.
998 ft. **Site 1 of 8 in cluster Z**

Relative: **Higher**
Actual: **245 ft.**

CPS-SLIC:

Name:	FORMER PRIME ENGINEERING
Address:	9702 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/01/2000
Global Id:	SL603798872
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0485029209302
Longitude:	-118.046901283721
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.5986
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	FORMER PRIME ENGINEERING
Address:	9702 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA
Region:	4

FORMER PRIME ENGINEERING (Continued) **S106766233**

File Number: 107.5986
File Status: **Active**
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: FORMER PRIME ENGINEERING
Address: 9702 KLINGERMAN ST.
City,State,Zip: SOUTH EL MONTE, CA
Site ID: 238004
CERS ID: SL603798872
CERS Description: Cleanup Program Site

Z165 **MANUFACTURERS SERVICE INC.** **WIP** **S106765759**
ESE **9715 KLINGERMAN ST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.191 mi.
1006 ft. **Site 2 of 8 in cluster Z**

Relative: Higher
Actual: 247 ft.

WIP:
Name: MANUFACTURERS SERVICE INC.
Address: 9715 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1171
File Status: **Historical**
Staff: UNIDENTIFIED
Facility Suite: Not reported

Y166 **G & M BACK HOE** **WIP** **S106765618**
SSW **2402 TROY AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.191 mi.
1008 ft. **Site 2 of 6 in cluster Y**

Relative: Lower
Actual: 236 ft.

WIP:
Name: G & M BACK HOE
Address: 2402 Troy Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0947
File Status: **Historical**
Staff: GMM
Facility Suite: Not reported

Y167	**G & M BACKHOE SERVICE**	**RCRA-SQG**	**1000122688**
SSW	**2402 TROY AVE**	**FINDS**	**CAD982481947**
1/8-1/4	**SOUTH EL MONTE, CA 91733**	**ECHO**	
0.191 mi.		**LOS ANGELES CO. HMS**	
1008 ft.	**Site 3 of 6 in cluster Y**		

Relative: **Lower**

Actual: **236 ft.**

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	G & M BACKHOE SERVICE
Handler Address:	2402 TROY AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD982481947
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	TROY AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	GIFFIN GARY W
Owner Type:	Municipal
Operator Name:	NOT REQUIRED
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

G & M BACKHOE SERVICE (Continued) **1000122688**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GIFFIN GARY W
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

G & M BACKHOE SERVICE (Continued) **1000122688**

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: G & M BACKHOE SERVICE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002825694

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000122688
Registry ID: 110002825694
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002825694
Name: G & M BACKHOE SERVICE
Address: 2402 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733

LOS ANGELES CO. HMS:
Name: G&M BACHOE SERVICE
Address: 2402 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: Not reported
Facility Id: 001835-I01910

G & M BACKHOE SERVICE (Continued) **1000122688**

Facility Type: Not reported
Facility Status: OPEN
Area: 3U
Permit Number: Not reported
Permit Status: Not reported

V168 West 1/8-1/4 0.192 mi. 1014 ft.	**J F C FURNITURE REFINISHING 2519 LEE AVE SOUTH EL MONTE, CA 91733** **Site 8 of 10 in cluster V**	**CERS HAZ WASTE HAZNET CERS HWTS**	**S113030353 N/A**

Relative: Lower
Actual: 236 ft.

CERS HAZ WASTE:
Name: JFC FURNITURE REFINISHING
Address: 2519 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 125990
CERS ID: 10265578
CERS Description: Hazardous Waste Generator

HAZNET:
Name: J F C FURNITURE REFINISHING
Address: 2519 LEE AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact: JOHNNY L CISNEROS
Telephone: 6265739880
Mailing Name: Not reported
Mailing Address: 2519 LEE AVE

Year: 2017
Gepaid: CAL000024124
TSD EPA ID: ARD981057870
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.18

Year: 2015
Gepaid: CAL000024124
TSD EPA ID: ARD981057870
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.396

Year: 2012
Gepaid: CAL000024124
TSD EPA ID: ARD981057870
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.396

Year: 2008
Gepaid: CAL000024124
TSD EPA ID: ARD981057870
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.198

J F C FURNITURE REFINISHING (Continued) **S113030353**

Year: 2007
Gepaid: CAL000024124
TSD EPA ID: ARD981057870
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.198

Year: 1998
Gepaid: CAL000024124
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.05

Year: 1997
Gepaid: CAL000024124
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.05

Year: 1993
Gepaid: CAL000024124
TSD EPA ID: CAD008302903
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: R01 - Recycler
Tons: 0.726

Year: 1992
Gepaid: CAL000024124
TSD EPA ID: CAD008302903
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: 01 -
Tons: 0.417

Year: 1992
Gepaid: CAL000024124
TSD EPA ID: CAD008302903
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: R01 - Recycler
Tons: 0.9174

Click this hyperlink while viewing on your computer to access
5 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2017
Gen EPA ID: CAL000024124

Shipment Date: 20171024
Creation Date: 7/10/2018 18:30:19
Receipt Date: 20171105
Manifest ID: 017362385JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIROSERV
Trans 2 EPA ID: AZD982484578

J F C FURNITURE REFINISHING (Continued) **S113030353**

Trans 2 Name:	TRANSCHEM ENVIRONMENTAL
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000024124
Shipment Date:	20070409
Creation Date:	12/20/2007 18:30:07
Receipt Date:	20070426
Manifest ID:	001967620JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000024124
Shipment Date:	20120125
Creation Date:	7/5/2012 20:30:09
Receipt Date:	20120207
Manifest ID:	009244425JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791

J F C FURNITURE REFINISHING (Continued) **S113030353**

Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.396
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000024124
Shipment Date:	20081216
Creation Date:	5/12/2009 18:30:08
Receipt Date:	20081228
Manifest ID:	005543006JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAL000024124
Shipment Date:	19930319
Creation Date:	9/1/1995 0:00:00
Receipt Date:	19930319
Manifest ID:	92448289
Trans EPA ID:	CAD008302903
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

J F C FURNITURE REFINISHING (Continued) **S113030353**

Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F003
Meth Code: R01 - Recycler
Quantity Tons: 0.726
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1997
Gen EPA ID: CAL000024124

Shipment Date: 19970313
Creation Date: 6/26/1997 0:00:00
Receipt Date: 19970319
Manifest ID: 96741575
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAL000024124

Shipment Date: 20150528
Creation Date: 11/9/2015 22:15:07
Receipt Date: 20150607
Manifest ID: 014500618JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: AZD982484578

J F C FURNITURE REFINISHING (Continued) **S113030353**

Trans 2 Name: TRANSCHEM ENVIRONMENTAL
TSDF EPA ID: ARD981057870
Trans Name: RINECO
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.396
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: D035
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1998
Gen EPA ID: CAL000024124

Shipment Date: 19980513
Creation Date: 8/3/1998 0:00:00
Receipt Date: 19980520
Manifest ID: 98188437
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: JFC FURNITURE REFINISHING
Address: 2519 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 125990
CERS ID: 10265578
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 125990
Site Name: JFC FURNITURE REFINISHING
Violation Date: 10-16-2017

J F C FURNITURE REFINISHING (Continued) **S113030353**

Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: 1 x 55 gallon steel drum of liquid paint waste and 5 x 5 gallon containers of liquid paint waste located in the hazardous waste storage shed was observed without the following information on the label: accumulation start date and contents of drum/container. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 125990
Site Name: JFC FURNITURE REFINISHING
Violation Date: 05-23-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 08/15/2014.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 125990
Site Name: JFC FURNITURE REFINISHING
Violation Date: 10-16-2017
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: 1 x 55 gallon steel drum of liquid paint waste and 5 x 5 gallon containers of liquid paint waste located in the hazardous waste storage shed at the rear of the facility was observed with out an accumulation start date and a manifest/receipt demonstrating disposal within the past 180 days was not available. CORRECTIVE ACTION: Dispose of the 1 x 55 gallon steel drum of liquid paint waste and 5 x 5 gallon containers of liquid paint waste and submit a copy of the manifest/receipt to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

J F C FURNITURE REFINISHING (Continued) **S113030353**

Site ID: 125990
Site Name: JFC FURNITURE REFINISHING
Violation Date: 10-14-2020
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 10/15/2020. OBSERVATION: Uniform Hazardous Waste Manifests for waste paint material were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for waste paint material and submit copies to the CUPA inspector.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-15-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Johnny Cisneros, owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2020

J F C FURNITURE REFINISHING (Continued) **S113030353**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Johnny Cisneros, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Johnny Cisneros, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-26-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Environmental Contact
Entity Name: JOHNNY CISNEROS
Entity Title: Not reported
Affiliation Address: 2519 LEE AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: JOHNNY CISNEROS

J F C FURNITURE REFINISHING (Continued) **S113030353**

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 573-9880

Affiliation Type Desc: Document Preparer
Entity Name: JOHNNY L. CISNEROS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2519 LEE AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Johnny L. Cisneros
Entity Title: owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: JOHNNY L CISNEROS
Entity Title: Not reported
Affiliation Address: 2519 LEE AVENUE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 573-9880

Affiliation Type Desc: Parent Corporation
Entity Name: JFC FURNITURE REFINISHING
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

J F C FURNITURE REFINISHING (Continued) **S113030353**

HWTS:

Name:	J F C FURNITURE REFINISHING
Address:	2519 LEE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
EPA ID:	CAL000024124
Inactive Date:	Not reported
Create Date:	05/09/1990
Last Act Date:	07/31/2020
Mailing Name:	Not reported
Mailing Address:	2519 LEE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917330000
Owner Name:	CISNEROS JOHNNY L
Owner Address:	6770 GOLDY STREET
Owner Address 2:	Not reported
Owner City,State,Zip:	EASTVALE, CA 928800000
Contact Name:	JOHNNY L CISNEROS
Contact Address:	2519 LEE AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733

NAICS:

EPA ID:	CAL000024124
Create Date:	2006-11-27 18:30:15.000
NAICS Code:	81142
NAICS Description:	Reupholstery and Furniture Repair
Issued EPA ID Date:	1990-05-09 00:00:00
Inactive Date:	Not reported
Facility Name:	J F C FURNITURE REFINISHING
Facility Address:	2519 LEE AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917330000

V169 **J F C FURNITURE REFINISHING** **RCRA NonGen / NLR** **1024786834**
West **2519 LEE AVE** **CAL000024124**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.192 mi.
1014 ft. **Site 9 of 10 in cluster V**

Relative:
Lower

Actual:
236 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	1990-05-09 00:00:00.0
Handler Name:	J F C FURNITURE REFINISHING
Handler Address:	2519 LEE AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
EPA ID:	CAL000024124
Contact Name:	JOHNNY L CISNEROS
Contact Address:	2519 LEE AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-573-9880
Contact Fax:	000-000-0000
Contact Email:	JCIS1960@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09

J F C FURNITURE REFINISHING (Continued) **1024786834**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2519 LEE AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner Name:	CISNEROS JOHNNY L
Owner Type:	Other
Operator Name:	JOHNNY L CISNEROS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

J F C FURNITURE REFINISHING (Continued) **1024786834**

Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2018-09-05 15:41:08.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: CISNEROS JOHNNY L
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6770 GOLDY STREET
Owner/Operator City,State,Zip: EASTVALE, CA 92880-0000
Owner/Operator Telephone: 626-573-9880
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHNNY L CISNEROS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2519 LEE AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-573-9880
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1990-05-09 00:00:00.0
Handler Name: J F C FURNITURE REFINISHING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 81142
NAICS Description: REUPHOLSTERY AND FURNITURE REPAIR

J F C FURNITURE REFINISHING (Continued) **1024786834**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

S170	**N & J AUTO**	**CERS HAZ WASTE**	**S123518773**
NW	**2659 TROY AVE**	**CERS**	**N/A**
1/8-1/4	**SOUTH EL MONTE, CA 91733**		
0.193 mi.			
1017 ft.	**Site 3 of 3 in cluster S**		

Relative: Higher

Actual: 242 ft.

CERS HAZ WASTE:

Name:	N & J AUTO
Address:	2659 TROY AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	420130
CERS ID:	10307218
CERS Description:	Hazardous Waste Generator

CERS:

Name:	N & J AUTO
Address:	2659 TROY AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	420130
CERS ID:	10307218
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	420130
Site Name:	N & J AUTO
Violation Date:	03-06-2017
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 06/02/2017. OBSERVATION: The business failed to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. CORRECTIVE ACTION: Complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	420130
Site Name:	N & J AUTO
Violation Date:	03-06-2017
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Not reported
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW

N & J AUTO (Continued) **S123518773**

Violation Source: CERS

Site ID: 420130
Site Name: N & J AUTO
Violation Date: 03-06-2017
Citation: HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description: Failure to record in an operating log and retain for three years the following information for each shipment of recycled or exempted oil: 1) The name and address of the used oil recycling facility or generator claiming the oil meets the requirements of HSC 6.5 25250.1. 2) The name and address of the facility receiving the shipment. 3) The quantity of oil delivered. 4) The date of shipment or delivery. 5) A cross-reference to the records and documentation required under HSC 6.5 25250.1.
Violation Notes: Returned to compliance on 02/11/2019. OBSERVATION: Uniform Hazardous Waste Manifests were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: JACKSON FUNG
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: JACKSON FUNG
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Leo Palomino, employee
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Leo Palominro, employee
Eval Division: Los Angeles County Fire Department

N & J AUTO (Continued) **S123518773**

Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-14-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspected by A. DeSilva Consent given by Jackson Fung
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by A. DeSilva Consent given by Jackson Fung
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

N & J AUTO (Continued) **S123518773**

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Jackson Fung
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	9046 HERSHEY ST
Affiliation City:	ROSEMEAD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91770
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Jackson Fing
Entity Title:	Not reported
Affiliation Address:	p88911@gmail.com
Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 786-3693

Affiliation Type Desc:	Environmental Contact
Entity Name:	Jackson Fung
Entity Title:	Not reported
Affiliation Address:	2659 TROY AVE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Jackson Fung
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 786-3693

Affiliation Type Desc:	Parent Corporation
Entity Name:	N & J AUTO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

N & J AUTO (Continued) **S123518773**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Identification Signer
Entity Name:	Jackson Fung
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

V171	**BOATMAN MARKING INC**	**CERS HAZ WASTE**	**S113039571**
West	**2553 LEE AVE**	**HAZNET**	**N/A**
1/8-1/4	**SOUTH EL MONTE, CA 91733**	**HWTS**	
0.194 mi.			
1024 ft.	**Site 10 of 10 in cluster V**		

Relative: **Lower**
Actual: **237 ft.**

CERS HAZ WASTE:

Name:	BOATMAN MARKING INC
Address:	2553 LEE AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	571148
CERS ID:	10862059
CERS Description:	Hazardous Waste Generator

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Mark Boatman
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Mark Boatman
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

BOATMAN MARKING INC (Continued) **S113039571**

Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: MARK BOATMAN
Entity Title: Not reported
Affiliation Address: 2553 Lee Ave
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 350-9700

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Operator
Entity Name: MARK BOATMAN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 350-9700

Affiliation Type Desc: Parent Corporation
Entity Name: Boatman Marking Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: MARK BOATMAN
Entity Title: Not reported
Affiliation Address: 2553 Lee Ave
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2553 Lee Ave
Affiliation City: South El Monte

BOATMAN MARKING INC (Continued) **S113039571**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

HAZNET:

Name: BOATMAN MARKING INC
Address: 2553 LEE AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact: JACK D. BOATMAN/OWNER
Telephone: --
Mailing Name: Not reported
Mailing Address: 2553 LEE AVE

Year: 2004
Gepaid: CAL000044652
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.0168

Year: 2003
Gepaid: CAL000044652
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.0336

Additional Info:

Year: 2003
Gen EPA ID: CAL000044652

Shipment Date: 20031024
Creation Date: 8/3/2004 15:03:33
Receipt Date: 20031027
Manifest ID: 22515785
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0168
Waste Quantity: 4
Quantity Unit: G
Additional Code 1: Not reported

BOATMAN MARKING INC (Continued) **S113039571**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030715
Creation Date: 7/22/2004 9:56:39
Receipt Date: 20030716
Manifest ID: 22880975
Trans EPA ID: TXR000050930
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0168
Waste Quantity: 4
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAL000044652

Shipment Date: 20040130
Creation Date: 8/19/2004 11:23:00
Receipt Date: 20040202
Manifest ID: 22585444
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0168
Waste Quantity: 4
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

BOATMAN MARKING INC (Continued) **S113039571**

HWTS:

Name:	BOATMAN MARKING INC
Address:	2553 LEE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
EPA ID:	CAL000044652
Inactive Date:	06/30/2005
Create Date:	04/02/1991
Last Act Date:	04/11/2006
Mailing Name:	Not reported
Mailing Address:	2553 LEE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917330000
Owner Name:	BOATMAN MARKING INC
Owner Address:	2553 LEE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917330000
Contact Name:	JACK D. BOATMAN/OWNER
Contact Address:	2553 LEE AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA --

X172 **LUSOL PRODUCTS** **SWEEPS UST** **U001569476**
WSW **2446 LEE AVE** **HIST UST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **WIP**
0.194 mi.
1025 ft. **Site 4 of 14 in cluster X**

Relative: **Lower**
Actual: **236 ft.**

SWEEPS UST:

Name:	LUSOL PRODUCTS
Address:	2446 LEE AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	16719
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-22-92
Action Date:	04-22-92
Created Date:	04-22-92
Owner Tank Id:	1
SWRCB Tank Id:	19-000-016719-000001
Tank Status:	A
Capacity:	1000
Active Date:	04-22-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	LUSOL PRODUCTS
Address:	2446 LEE AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	16719
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-22-92

LUSOL PRODUCTS (Continued) **U001569476**

Action Date: 04-22-92
Created Date: 04-22-92
Owner Tank Id: 1
SWRCB Tank Id: 19-000-016719-000002
Tank Status: A
Capacity: 1500
Active Date: 04-22-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:

Name: LUSOL PRODUCTS
Address: 2446 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000050536
Facility Type: Other
Other Type: MFG., ADHESIVES
Contact Name: DAVID MACDONALD
Telephone: 8184437983
Owner Name: LUSOL PRODUCTS
Owner Address: 2446 LEE AVENUE
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0002

Tank Num: 001
Container Num: DU-1000
Year Installed: 1970
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 10
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: DU-2000
Year Installed: 1970
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

WIP:

Name: LU-SOL PRODUCTS
Address: 2446 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0216
File Status: Historical
Staff: DKOO
Facility Suite: Not reported

X173 **WSW** **1/8-1/4** **0.194 mi.** **1025 ft.**

WILLIAM L BINGLEY
2446 LEE AVE
SOUTH EL MONTE, CA 91733

Site 5 of 14 in cluster X

HIST UST **HAZNET** **HWTS** — **S118237106** **N/A**

Relative: Lower
Actual: 236 ft.

HIST UST:

Name:	LUSOL PRODUCTS
Address:	2446 LEE AVENUE
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	00027953
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027953.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	WILLIAM L BINGLEY
Address:	2446 LEE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331408
Contact:	ROBERT HAYWARD
Telephone:	9092086514
Mailing Name:	Not reported
Mailing Address:	9420 TELSTAR AVE

Year:	2014
Gepaid:	CAP000200143
TSD EPA ID:	CAD008252405
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.055

Year:	2014
Gepaid:	CAP000200143
TSD EPA ID:	MOD981123391
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.5804

WILLIAM L BINGLEY (Continued) **S118237106**

Year: 2014
Gepaid: CAP000200143
TSD EPA ID: CAD982444481
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0759

Year: 2014
Gepaid: CAP000200143
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0025

Year: 2014
Gepaid: CAP000200143
TSD EPA ID: CAD982444481
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05

Year: 2014
Gepaid: CAP000200143
TSD EPA ID: MOD981123391
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.025

Additional Info:
Year: 2014
Gen EPA ID: CAP000200143

Shipment Date: 20140226
Creation Date: 8/14/2014 22:15:12
Receipt Date: 20140226
Manifest ID: 012155916JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported

WILLIAM L BINGLEY (Continued) **S118237106**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140226
Creation Date: 8/14/2014 22:15:12
Receipt Date: 20140226
Manifest ID: 012155916JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: F003
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140213
Creation Date: 8/19/2014 22:15:10
Receipt Date: 20140310
Manifest ID: 012155797JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: NJD986607380
Trans 2 Name: MAUMEE EXPRESS INC
TSDF EPA ID: MOD981123391
Trans Name: HAZMAT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0834
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140213
Creation Date: 8/19/2014 22:15:10
Receipt Date: 20140310
Manifest ID: 012155797JJK

WILLIAM L BINGLEY (Continued) **S118237106**

Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: NJD986607380
Trans 2 Name: MAUMEE EXPRESS INC
TSDF EPA ID: MOD981123391
Trans Name: HAZMAT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140213
Creation Date: 8/19/2014 22:15:10
Receipt Date: 20140310
Manifest ID: 012155797JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: NJD986607380
Trans 2 Name: MAUMEE EXPRESS INC
TSDF EPA ID: MOD981123391
Trans Name: HAZMAT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.08
Waste Quantity: 160
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140213
Creation Date: 8/19/2014 22:15:10
Receipt Date: 20140310
Manifest ID: 012155797JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: NJD986607380
Trans 2 Name: MAUMEE EXPRESS INC
TSDF EPA ID: MOD981123391
Trans Name: HAZMAT INC
TSDF Alt EPA ID: Not reported

WILLIAM L BINGLEY (Continued) **S118237106**

TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: F003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: D018
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140213
Creation Date: 5/30/2014 22:15:11
Receipt Date: 20140217
Manifest ID: 012155798JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140213
Creation Date: 5/30/2014 22:15:11
Receipt Date: 20140217
Manifest ID: 012155798JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0099
Waste Quantity: 3

WILLIAM L BINGLEY (Continued) **S118237106**

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140213
Creation Date: 5/30/2014 22:15:11
Receipt Date: 20140217
Manifest ID: 012155798JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140213
Creation Date: 5/30/2014 22:15:11
Receipt Date: 20140217
Manifest ID: 012155798JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.066
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

WILLIAM L BINGLEY (Continued) **S118237106**

HWTS:

Name:	WILLIAM L BINGLEY
Address:	2446 LEE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331408
EPA ID:	CAP000200143
Inactive Date:	08/27/2014
Create Date:	05/28/2014
Last Act Date:	08/28/2014
Mailing Name:	Not reported
Mailing Address:	9420 TELSTAR AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EL MONTE, CA 917310000
Owner Name:	WILLIAM L BINGLEY
Owner Address:	9420 TELSTAR AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	EL MONTE, CA 917310000
Contact Name:	ROBERT HAYWARD
Contact Address:	9420 TELSTAR AVE
Contact Address 2:	Not reported
City,State,Zip:	EL MONTE, CA 917310000

X174 **WILLIAM L BINGLEY** **RCRA NonGen / NLR** **1025880792**
WSW **2446 LEE AVE** **CAP000200143**
1/8-1/4 **SOUTH EL MONTE, CA 91731**
0.194 mi.
1025 ft. **Site 6 of 14 in cluster X**

Relative: **Lower**

Actual: **236 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2014-05-07 00:00:00.0
Handler Name:	WILLIAM L BINGLEY
Handler Address:	2446 LEE AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91731
EPA ID:	CAP000200143
Contact Name:	ROBERT HAYWARD
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	909-208-6514
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	ENV LOGISTICS CALLER
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	9420 TELSTAR AVE
Mailing City,State,Zip:	EL MONTE, CA 91731
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No

WILLIAM L BINGLEY (Continued) **1025880792**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-05-16 13:39:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

WILLIAM L BINGLEY (Continued) **1025880792**

Historic Generators:

Receive Date:	2014-02-06 00:00:00.0
Handler Name:	WILLIAM L BINGLEY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-05-07 00:00:00.0
Handler Name:	WILLIAM L BINGLEY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

X175 **GOLDEN SPRING MANAGEMENT, LLC.** **RCRA NonGen / NLR** **1025855518**
WSW **2446 LEE AVE** **CAC003035785**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.194 mi.
1025 ft. **Site 7 of 14 in cluster X**

Relative: Lower
Actual: 236 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-09-25 00:00:00.0
Handler Name:	GOLDEN SPRING MANAGEMENT, LLC.
Handler Address:	2446 LEE AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-1408
EPA ID:	CAC003035785
Contact Name:	GOLDEN SPRING MANAGEMENT, LLC.
Contact Address:	6036 ROWLAND AVE
Contact City,State,Zip:	TEMPLE CITY, CA 91780-1720
Contact Telephone:	626-512-1667
Contact Fax:	Not reported
Contact Email:	WANG@FRESHAIRENVIRONMENTAL.COM
Contact Title:	Not reported

GOLDEN SPRING MANAGEMENT, LLC. (Continued) **1025855518**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6036 ROWLAND AVE
Mailing City,State,Zip:	TEMPLE CITY, CA 91780-1720
Owner Name:	GOLDEN SPRING MANAGEMENT, LLC.
Owner Type:	Other
Operator Name:	GOLDEN SPRING MANAGEMENT, LLC.
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

GOLDEN SPRING MANAGEMENT, LLC. (Continued) **1025855518**

Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2019-09-27 16:23:41.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: GOLDEN SPRING MANAGEMENT, LLC.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6036 ROWLAND AVE
Owner/Operator City,State,Zip: TEMPLE CITY, CA 91780-1720
Owner/Operator Telephone: 626-512-1667
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GOLDEN SPRING MANAGEMENT, LLC.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6036 ROWLAND AVE
Owner/Operator City,State,Zip: TEMPLE CITY, CA 91780-1720
Owner/Operator Telephone: 626-512-1667
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-09-25 00:00:00.0
Handler Name: GOLDEN SPRING MANAGEMENT, LLC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56291

GOLDEN SPRING MANAGEMENT, LLC. (Continued) **1025855518**

NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

U176
SSE
1/8-1/4
0.195 mi.
1028 ft.

CONTINENTAL WOODWORKERS
2227 CHICO AVE
SOUTH EL MONTE, CA 91733

WIP **S106765870**
N/A

Site 2 of 3 in cluster U

Relative: **Higher**
Actual: **241 ft.**

WIP:
Name: CONTINENTAL WOODWORKERS
Address: 2227 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1356
File Status: **Historical**
Staff: ACARLOS
Facility Suite: Not reported

W177
North
1/8-1/4
0.197 mi.
1042 ft.

SMOG CENTER
2722 N BRUIN AVE
SOUTH EL MONTE, CA 91733

WIP **S106766102**
N/A

Site 2 of 3 in cluster W

Relative: **Higher**
Actual: **245 ft.**

WIP:
Name: SMOG CENTER
Address: 2722 N Bruin Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1712
File Status: **Historical**
Staff: ACARLOS
Facility Suite: Not reported

X178
WSW
1/8-1/4
0.198 mi.
1043 ft.

UNITEX MFG INC
2511 LEE AVE
S EL MONTE, CA 91733

RCRA NonGen / NLR **1024818849**
CAL000327341

Site 8 of 14 in cluster X

Relative: **Lower**
Actual: **236 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2007-11-30 00:00:00.0
Handler Name: UNITEX MFG INC
Handler Address: 2511 LEE AVE
Handler City,State,Zip: S EL MONTE, CA 91733-1409
EPA ID: CAL000327341
Contact Name: KHUNG V PHUONG

UNITEX MFG INC (Continued) **1024818849**

Field	Value
Contact Address:	2511 LEE AVE
Contact City,State,Zip:	S EL MONTE, CA 91733-1409
Contact Telephone:	626-575-8133
Contact Fax:	626-575-1410
Contact Email:	POTEXTHREAD@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2511 LEE AVE
Mailing City,State,Zip:	S EL MONTE, CA 91733-1409
Owner Name:	KHUNG V PHUONG
Owner Type:	Other
Operator Name:	KHUNG V PHUONG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

UNITEX MFG INC (Continued) **1024818849**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:29:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KHUNG V PHUONG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10362 CALLE MADERO
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3609
Owner/Operator Telephone:	626-383-0643
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KHUNG V PHUONG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2511 LEE AVE
Owner/Operator City,State,Zip:	S EL MONTE, CA 91733-1409
Owner/Operator Telephone:	626-575-8133
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2007-11-30 00:00:00.0
Handler Name: UNITEX MFG INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

UNITEX MFG INC (Continued) **1024818849**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 313312
NAICS Description: TEXTILE AND FABRIC FINISHING (EXCEPT BROADWOVEN FABRIC) MILLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y179 **SSW** **1/8-1/4** **0.198 mi.** **1046 ft.**

RIVERAS AUTO REPAIR
9366 KLINGERMAN ST
SOUTH EL MONTE, CA 91733
Site 4 of 6 in cluster Y

WIP **S106766013** **N/A**

Relative: Lower
Actual: 236 ft.

WIP:
Name: RIVERAS AUTO REPAIR
Address: 9366 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1583
File Status: **Historical**
Staff: AHSU
Facility Suite: Not reported

Z180 **ESE** **1/8-1/4** **0.200 mi.** **1054 ft.**

ROC-AIRE CORP.
9710 KLINGERMAN ST
SOUTH EL MONTE, CA 91733
Site 3 of 8 in cluster Z

CPS-SLIC **WIP** **CERS** **S106484613** **N/A**

Relative: Higher
Actual: 246 ft.

CPS-SLIC:
Name: ROC-AIRE CORP.
Address: 9710 KLINGERMAN ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/02/1995
Global Id: SL603798803
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.055407
Longitude: -118.058166
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.1454
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply

ROC-AIRE CORP. (Continued) **S106484613**

Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	ROC-AIRE CORP.
Address:	9710 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1454
File Status:	**Active**
Staff:	CORTEZ
Facility Suite:	Not reported

CERS:

Name:	ROC-AIRE CORP.
Address:	9710 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	212420
CERS ID:	SL603798803
CERS Description:	Cleanup Program Site

AA181
WNW
1/8-1/4
0.201 mi.
1059 ft.

BOLCO ATHLETIC CO., INC.
2638 LEE AVE
SOUTH EL MONTE, CA 91733

EMI **WIP** **CERS**

S106765425
N/A

Site 1 of 14 in cluster AA

Relative:
Higher

Actual:
241 ft.

EMI:

Name:	L.A. TRIM
Address:	2638 LEE AV
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	69850
Air District Name:	SC
SIC Code:	2299
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

WIP:

Name:	BOLCO ATHLETIC CO., INC.
Address:	2638 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0656

BOLCO ATHLETIC CO., INC. (Continued) **S106765425**

File Status: **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

CERS:
Name: KOON PHOUNG FOOD INC
Address: 2638 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 395999
CERS ID: 10286074
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 395999
Site Name: KOON PHOUNG FOOD INC
Violation Date: 08-20-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 01/12/2017. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395999
Site Name: KOON PHOUNG FOOD INC
Violation Date: 08-20-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/09/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for one 1,000-gal diesel AST; twelve 8-gal propane cylinders to the CUPA. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395999
Site Name: KOON PHOUNG FOOD INC
Violation Date: 04-06-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial

BOLCO ATHLETIC CO., INC. (Continued) **S106765425**

	transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 06/10/2019. OBSERVATION: Uniform Hazardous Waste Manifests for used antifreeze were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for used antifreeze and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	395999
Site Name:	KOON PHOUNG FOOD INC
Violation Date:	04-06-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/10/2019. OBSERVATION: 5 gallon container of used antifreeze located in the diesel AST area was observed without the following information on the label: all label information missing. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	395999
Site Name:	KOON PHOUNG FOOD INC
Violation Date:	08-20-2015
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 03/09/2016. OBSERVATION: The Business Activities page has not been submitted to this department. CORRECTIVE ACTION: Complete the Business Activities page and submit electronically in the California Environmental Reporting System (CERS).
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	395999
Site Name:	KOON PHOUNG FOOD INC
Violation Date:	04-06-2019
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

BOLCO ATHLETIC CO., INC. (Continued) **S106765425**

Violation Notes: Returned to compliance on 06/10/2019. OBSERVATION: 5 gallon container of used antifreeze located in the diesel AST area was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 395999
Site Name: KOON PHOUNG FOOD INC
Violation Date: 04-06-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 05/21/2019. OBSERVATION: The business failed to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. Observed facility to be a Hazardous Waste Generator. Update the CERS online to show facility is a HW Generator. CORRECTIVE ACTION: Complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395999
Site Name: KOON PHOUNG FOOD INC
Violation Date: 08-20-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 03/09/2016. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395999
Site Name: KOON PHOUNG FOOD INC
Violation Date: 08-20-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 03/09/2016. OBSERVATION: The annotated site map has not been completed and submitted to the CUPA. CORRECTIVE ACTION: Complete an annotated site map and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP

BOLCO ATHLETIC CO., INC. (Continued) **S106765425**

Violation Source: CERS

Site ID: 395999
Site Name: KOON PHOUNG FOOD INC
Violation Date: 08-20-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 03/09/2016. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395999
Site Name: KOON PHOUNG FOOD INC
Violation Date: 04-06-2019
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 04/06/2019. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. Per operator, they dispose of used antifreeze generated onsite from truck maintenance at O'Reilys or Autozone. The facility does not have any registered HW transporter. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility/Plans submitted; Inventory/Site Map with errors; RV Fee Note emailed with instructions to complete HMBP within one week.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Jessie Sy, office worker
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP

BOLCO ATHLETIC CO., INC. (Continued) **S106765425**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Judy Liang, Owner.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Judy Liang, Owner.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-20-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Judy Liang, Manager Inspection of warehouse, loading dock, diesel tank, and propane storage areas.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Judy Liang
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: JUDY LIANG
Entity Title: MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: JUDY AND WEI AN LIANG
Entity Title: Not reported
Affiliation Address: 2638 LEE AVENUE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA

BOLCO ATHLETIC CO., INC. (Continued) **S106765425**

Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 831-2278
Affiliation Type Desc:	Environmental Contact
Entity Name:	Wei An Liang
Entity Title:	Not reported
Affiliation Address:	2638 LEE AVE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	KOON PHOUNG FOOD INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2638 LEE AVE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	JUDY LIANG
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 831-2278

AA182	**LA TRIM INC**	**RCRA NonGen / NLR**	**1000594570**
WNW	**2638 LEE AVE**	**FINDS**	**CAD983584111**
1/8-1/4	**SOUTH EL MONTE, CA 91733**	**ECHO**	
0.201 mi.		**LOS ANGELES CO. HMS**	
1059 ft.	**Site 2 of 14 in cluster AA**		

Relative: **Higher**

Actual: **241 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2002-10-18 00:00:00.0
Handler Name:	LA TRIM INC
Handler Address:	2638 LEE AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD983584111
Contact Name:	CATHERINE KEN
Contact Address:	805 W DUARTE RD STE 104
Contact City,State,Zip:	ARCADIA, CA 91007
Contact Telephone:	626-821-8757
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2217 N LOMA AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	DENNIS LUNETTA
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

LA TRIM INC (Continued) **1000594570**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-11-07 13:43:24.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DENNIS LUNETTA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LA TRIM INC (Continued) **1000594570**

Historic Generators:

Receive Date:	2002-10-18 00:00:00.0
Handler Name: LA TRIM INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002845654

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000594570
Registry ID:	110002845654
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002845654
Name:	LA TRIM INC
Address:	2638 LEE AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733

LOS ANGELES CO. HMS:

Name:	L A TRIM INC
Address:	2638 LEE AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	I
Facility Id:	008398-I08979

LA TRIM INC (Continued) **1000594570**

Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000012213
Permit Status: Closed

Z183 ESE 1/8-1/4 0.201 mi. 1062 ft.

AIR DISTRIBUTION PRODUCTS
9721 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

WIP **S106766195** **N/A**

Site 4 of 8 in cluster Z

Relative: Higher
Actual: 247 ft.

WIP:
Name: AIR DISTRIBUTION PRODUCTS
Address: 9721 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2188
File Status: Historical
Staff: BPONEK
Facility Suite: Not reported

Z184 ESE 1/8-1/4 0.201 mi. 1062 ft.

SANTA CLAUS, INC.
9721 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

WIP **S106766194** **N/A**

Site 5 of 8 in cluster Z

Relative: Higher
Actual: 247 ft.

WIP:
Name: SANTA CLAUS, INC.
Address: 9721 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2187
File Status: Not reported
Staff: UNIDENTIFIED
Facility Suite: Not reported

Y185 SW 1/8-1/4 0.201 mi. 1062 ft.

HOLST PAINTING & DECORATING
2407 TROY AVE
SOUTH EL MONTE, CA 91733

WIP **S106765673** **N/A**

Site 5 of 6 in cluster Y

Relative: Lower
Actual: 236 ft.

WIP:
Name: HOLST PAINTING & DECORATING
Address: 2407 Troy Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1023
File Status: Historical
Staff: KELLIOTT
Facility Suite: Not reported

T186	**BHY TRUCKING INC.**	**CPS-SLIC**	**S106765200**
SSW	**2317 N. ROSEMEAD BLVD.**	**WIP**	**N/A**
1/8-1/4	**SOUTH EL MONTE, CA 91733**		
0.205 mi.			
1081 ft.	**Site 3 of 5 in cluster T**		

Relative: **Lower**

Actual: **237 ft.**

CPS-SLIC:

Name:	BHY TRUCKING INC.
Address:	2317 N. ROSEMEAD BLVD.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/05/1987
Global Id:	T10000016082
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.05493
Longitude:	-118.06462
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	107.0053
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	BHY TRUCKING INC.
Address:	2317 N Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0053
File Status:	**Historical**
Staff:	BPONEK
Facility Suite:	Not reported

T187	**BHY TRUCKING INC**	**RCRA NonGen / NLR**	**1000134966**
SSW	**2317 ROSEMEAD BLVD**	**FINDS**	**CAD072925795**
1/8-1/4	**SOUTH EL MONTE, CA 91733**	**ECHO**	
0.205 mi.			
1081 ft.	**Site 4 of 5 in cluster T**		

Relative: **Lower**

Actual: **237 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	1982-09-02 00:00:00.0
Handler Name:	BHY TRUCKING INC
Handler Address:	2317 ROSEMEAD BLVD
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD072925795
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2317 ROSEMEAD BLVD
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	213-573-0733
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09

BHY TRUCKING INC (Continued) **1000134966**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	ROY L BARROW
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

BHY TRUCKING INC (Continued) **1000134966**

Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2000-09-15 17:29:19.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ROY L BARROW
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1982-09-02 00:00:00.0
Handler Name: BHY TRUCKING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

BHY TRUCKING INC (Continued) **1000134966**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002656983

Click Here:

Environmental Interest/Information System:
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000134966
Registry ID:	110002656983
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002656983
Name:	BHY TRUCKING INC
Address:	2317 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733

X188	**MARGE WARNER**	**LUST**	**S102058786**
WSW	**2459 LEE AVE N**	**Cortese**	**N/A**
1/8-1/4	**SOUTH EL MONTE, CA 91733**	**HIST CORTESE**	
0.205 mi.		**LOS ANGELES CO. HMS**	
1082 ft.	**Site 9 of 14 in cluster X**	**CERS**	

Relative: Lower

Actual: 236 ft.

LUST:

Name:	MARGE WARNER
Address:	2459 LEE AVE N
City,State,Zip:	SOUTH EL MONTE, CA 91733
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704498
Global Id:	T0603704498
Latitude:	34.0565144
Longitude:	-118.0673313
Status:	Completed - Case Closed
Status Date:	12/12/1995
Case Worker:	JOA
RB Case Number:	I-23117
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

MARGE WARNER (Continued) **S102058786**

LUST:

Global Id:	T0603704498
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Global Id:	T0603704498
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603704498
Action Type:	Other
Date:	12/12/1995
Action:	Leak Reported

LUST:

Global Id:	T0603704498
Status:	Completed - Case Closed
Status Date:	12/12/1995

Global Id:	T0603704498
Status:	Open - Case Begin Date
Status Date:	12/12/1995

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	I-23117
Status:	Case Closed
Substance:	1
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603704498
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19000
Cross Street:	Not reported
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	12/12/1995
Date Leak Record Entered:	12/18/1995

MARGE WARNER (Continued) **S102058786**

Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 12/12/1995
Date the Case was Closed: 12/12/1995
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1628.5832072143648042248607005
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MS MARGE WARNER
RP Address: TEMPLE CITY CA 91780-3848
Program: LUST
Lat/Long: 34.0565144 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CORTESE:
Name: MARGE WARNER
Address: 2459 LEE AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603704498
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active

MARGE WARNER (Continued) **S102058786**

Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: MARGE WARNER
edr_fadd1: 2459 LEE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-23117

LOS ANGELES CO. HMS:
Name: MARGE WARNER
Address: 2459 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 013729-023117
Facility Type: 1
Facility Status: Removed
Area: 3U
Permit Number: 000148279
Permit Status: Removed

CERS:
Name: MARGE WARNER
Address: 2459 LEE AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 236564
CERS ID: T0603704498
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA

MARGE WARNER (Continued) **S102058786**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

X189 **WSW** **1/8-1/4** **0.205 mi.** **1082 ft.**	**COMMERCIAL LOT CLEANING INC** **2459 NO LEE AVENUE** **SOUTH EL MONTE, CA 91733** **Site 10 of 14 in cluster X**	**AST** **SWEEPS UST** **HIST UST** **LOS ANGELES CO. HMS**	**S105034025** **N/A**

Relative: **Lower**

Actual: **236 ft.**

AST:

Name:	AMERICAN WRECKING INC
Address:	2459 LEE AVE
City/Zip:	SOUTH EL MONTE,91733
Certified Unified Program Agencies:	Not reported
Owner:	JOSE LUIS GALAVIZ
Total Gallons:	Not reported
CERSID:	10285144
Facility ID:	LACoFA0015953
Business Name:	AMERICAN WRECKING INC
Phone:	(626) 350-8303
Fax:	Not reported
Mailing Address:	2459 LEE AVE
Mailing Address City:	SOUTH EL MONTE
Mailing Address State:	CA
Mailing Address Zip Code:	91733
Operator Name:	JOSE LUIS GALAVIZ
Operator Phone:	Not reported
Owner Phone:	(626) 350-8303
Owner Mail Address:	2459 LEE AVE
Owner State:	CA
Owner Zip Code:	91733
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

SWEEPS UST:

Name:	COMMERCIAL LOT CLEANING
Address:	2459 N LEE AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	14154
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported

COMMERCIAL LOT CLEANING INC (Continued) **S105034025**

Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:

Name:	COMMERCIAL LOT CLEANING INC
Address:	2459 NO LEE AVENUE
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	0002733B
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002733B.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:

Name:	COMMERCIAL LOT CLEANING
Address:	2459 LEE AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	Not reported
Facility Id:	013729-014154
Facility Type:	Not reported
Facility Status:	Removed
Area:	3U
Permit Number:	Not reported
Permit Status:	Not reported

X190 **WSW** **1/8-1/4** **0.205 mi.** **1082 ft.**	**COMMERCIAL LOT CLEANING, INC.** **2459 LEE AVE.** **SOUTH EL MONTE, CA 91733** **Site 11 of 14 in cluster X**	**CPS-SLIC** **HWTS**	**S124669028** **N/A**

Relative: **Lower**

Actual: **236 ft.**

CPS-SLIC:

Name:	COMMERCIAL LOT CLEANING, INC.
Address:	2459 LEE AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	11/16/1987
Global Id:	T10000016105
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.05711
Longitude:	-118.0675
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	107.0089
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HWTS:

Name:	ALEXIS OIL CO
Address:	2459 LEE AVE
Address 2:	Not reported
City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAC002949348
Inactive Date:	05/26/2018
Create Date:	02/20/2018
Last Act Date:	05/26/2018
Mailing Name:	Not reported
Mailing Address:	219 GLIDER CIRCLE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CORONA, CA 928802534
Owner Name:	DIANA JACKSON
Owner Address:	219 GLIDER CIRCLE
Owner Address 2:	Not reported
Owner City,State,Zip:	CORONA, CA 928802534
Contact Name:	CARLOS GALAVIS
Contact Address:	2459 LEE AVE
Contact Address 2:	Not reported
City,State,Zip:	EL MONTE, CA 91733

NAICS:

EPA ID:	CAC002949348
Create Date:	2018-02-20 14:44:25.720
NAICS Code:	424720
NAICS Description:	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
Issued EPA ID Date:	2018-02-20 14:44:25.72000
Inactive Date:	2018-05-26 03:00:40.54700

COMMERCIAL LOT CLEANING, INC. (Continued) **S124669028**

Facility Name:	ALEXIS OIL CO
Facility Address:	2459 LEE AVE
Facility Address 2:	Not reported
Facility City:	EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91733
EPA ID:	CAC002949348
Create Date:	2018-02-20 14:44:25.720
NAICS Code:	424720
NAICS Description:	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
Issued EPA ID Date:	2018-02-20 14:44:25.72000
Inactive Date:	2018-05-26 03:00:40.54700
Facility Name:	ALEXIS OIL CO
Facility Address:	2459 LEE AVE
Facility Address 2:	Not reported
Facility City:	EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91733

X191 **AMERICAN WRECKING INC** **RCRA NonGen / NLR** **1024791384**
WSW **2459 LEE AVE** **CAL000104979**
1/8-1/4 **EL MONTE, CA 91733**
0.205 mi.
1082 ft. **Site 12 of 14 in cluster X**

Relative:
Lower

Actual:
236 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	1998-10-13 00:00:00.0
Handler Name:	AMERICAN WRECKING INC
Handler Address:	2459 LEE AVE
Handler City,State,Zip:	EL MONTE, CA 91733-0000
EPA ID:	CAL000104979
Contact Name:	CARLOS GALAVIZ/DISPATCHER
Contact Address:	2459 LEE AVE
Contact City,State,Zip:	S EL MONTE, CA 91733
Contact Telephone:	626-350-8303
Contact Fax:	626-350-8322
Contact Email:	CARLOS@AMERICANWRECKINGINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2459 LEE AVE
Mailing City,State,Zip:	EL MONTE, CA 91733-0000
Owner Name:	AMERICAN WRECKING INC
Owner Type:	Other
Operator Name:	CARLOS GALAVIZ/DISPATCHER
Operator Type:	Other

AMERICAN WRECKING INC (Continued) **1024791384**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:42:27.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

AMERICAN WRECKING INC (Continued) **1024791384**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN WRECKING INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2459 LEE AVE
Owner/Operator City,State,Zip:	S EL MONTE, CA 91733-0000
Owner/Operator Telephone:	626-350-8303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLOS GALAVIZ/DISPATCHER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2459 LEE AVE
Owner/Operator City,State,Zip:	S EL MONTE, CA 91733
Owner/Operator Telephone:	626-350-8303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-10-13 00:00:00.0
Handler Name:	AMERICAN WRECKING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23594
NAICS Description:	WRECKING AND DEMOLITION CONTRACTORS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

X192 **WSW** **1/8-1/4** **0.205 mi.** **1082 ft.**	**AMERICAN WRECKING INC** **2459 LEE AVE** **SOUTH EL MONTE, CA 91733** **Site 13 of 14 in cluster X**	**CERS HAZ WASTE** **HIST UST** **CERS TANKS** **WIP** **CERS**	**U001569447** **N/A**

Relative: **Lower**

Actual: **236 ft.**

CERS HAZ WASTE:

Name:	AMERICAN WRECKING INC
Address:	2459 LEE AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	91962
CERS ID:	10285144
CERS Description:	Hazardous Waste Generator

HIST UST:

Name:	COMMERCIAL LOT CLEANING, INC.
Address:	2459 LEE AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000021057
Facility Type:	Other
Other Type:	CONTRACTOR YARD
Contact Name:	M.L. WARNER
Telephone:	8184440535
Owner Name:	COMMERCIAL LOT CLEANING, INC.
Owner Address:	2459 NO. LEE AVENUE
Owner City,St,Zip:	SOUTH EL MONTE, CA 91733
Total Tanks:	0002

Tank Num:	001
Container Num:	1
Year Installed:	1975
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	1975
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

CERS TANKS:

Name:	AMERICAN WRECKING INC
Address:	2459 LEE AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	91962
CERS ID:	10285144
CERS Description:	Aboveground Petroleum Storage

AMERICAN WRECKING INC (Continued) **U001569447**

WIP:
Name: COMMERCIAL LOT CLEANING, INC.
Address: 2459 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0089
File Status: **Historical**
Staff: JPRICE
Facility Suite: Not reported

CERS:
Name: AMERICAN WRECKING INC
Address: 2459 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 91962
CERS ID: 10285144
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 91962
Site Name: AMERICAN WRECKING INC
Violation Date: 09-18-2015
Citation: HSC 6.67 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(2)
Violation Description: Failure to submit a Tank Facility Statement or Business Plan.
Violation Notes: Returned to compliance on 12/12/2017. OBSERVATION: Failure to submit a Tank Facility Statement or Business Plan. CORRECTIVE ACTION: Submit a Tank Facility Statement or Business Plan.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 91962
Site Name: AMERICAN WRECKING INC
Violation Date: 09-18-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 11/16/2018. OBSERVATION: Observed approximately several empty acetylene and propane cylinders inside a concrete enclosure without any EMPTY markings; also, one empty used oil AST (250-gal) being saved for future use at job sites. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 91962
Site Name: AMERICAN WRECKING INC
Violation Date: 11-16-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency

AMERICAN WRECKING INC (Continued) **U001569447**

	response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 01/17/2019. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. Reviewed online submission for 2018. Observed no Emergency Response Plan online in CERS for 2018. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	91962
Site Name:	AMERICAN WRECKING INC
Violation Date:	09-18-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 11/16/2018. used oil filter drums not labeled with drained used oil filters and no HW labels
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	91962
Site Name:	AMERICAN WRECKING INC
Violation Date:	09-18-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to make SPCC plan amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which affects the facilityG s discharge potential.
Violation Notes:	Returned to compliance on 06/27/2018. OBSERVATION: One 175-gal used oil AST added since 2007 SPCC. Failure to make SPCC plan amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which affects the facilityG s discharge potential. CORRECTIVE ACTION: Amend SPCC as required.
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS

Site ID:	91962
Site Name:	AMERICAN WRECKING INC
Violation Date:	09-18-2015
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 11/16/2018. OBSERVATION: Several off-spec refrigerant and unknown gas cylinders were being stored but were not typically used for business (and are therefore deemed as waste) were found stored >180 days]. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE

AMERICAN WRECKING INC (Continued) **U001569447**

	ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA by [date, 30 days from now].
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	91962
Site Name:	AMERICAN WRECKING INC
Violation Date:	09-18-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes:	Returned to compliance on 01/07/2021. OBSERVATION: Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years. CORRECTIVE ACTION: Conduct tests/inspections in accordance with written procedures and maintain records for 3 years.
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	91962
Site Name:	AMERICAN WRECKING INC
Violation Date:	01-08-2021
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/20/2021. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the required due date. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA within 30 days. On an ongoing basis, electronically submit and certify the business plan annually on or before the required due date. Please update CERS inventory & ASPA statement.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

AMERICAN WRECKING INC (Continued) **U001569447**

Site ID: 91962
Site Name: AMERICAN WRECKING INC
Violation Date: 09-18-2015
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: 1. Failure to prepare a SPCC plan that follows a sequence of rule and/or cross-reference. 2. Failure of the owner or operator of a facility subject to this part to prepare a SPCC plan in accordance with good engineering practices. 3. Failure to have the full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC plan. 4. Failure to prepare the Plan in writing. AND 5. Failure to prepare a SPCC plan that addresses additional procedures/methods/equipment not yet fully operational.
Violation Notes: Returned to compliance on 06/27/2018. OBSERVATION: 1. Failure to prepare a SPCC plan that follows a sequence of rule and/or cross-reference. 2. Failure of the owner or operator of a facility subject to this part to prepare a SPCC plan in accordance with good engineering practices. 3. Failure to have the full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC plan. 4. Failure to prepare the Plan in writing. AND 5. Failure to prepare a SPCC plan that addresses additional procedures/methods/equipment not yet fully operational. CORRECTIVE ACTION: Prepare a SPCC plan that follows a sequence of rule and/or cross-reference. 2. Owner or operator of a facility subject to this part shall prepare a SPCC plan in accordance with good engineering practices. 3. Obtain the full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC plan. 4. Prepare the Plan in writing. AND 5. Prepare a SPCC plan that addresses [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 91962
Site Name: AMERICAN WRECKING INC
Violation Date: 09-18-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/16/2018. OBSERVATION: The oily water drum and waste antifreeze AST were not labeled properly. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. OBSERVATION: Owner/Operator failed to adequately label hazardous materials. Several off-spec refrigerant and unknown gas cylinders were being stored without labels. CORRECTIVE ACTION: Hazardous materials that are mislabeled or not adequately labeled must be properly labeled within 10 days or be managed as a hazardous waste. 22 CCR11 66261.2(f)
Violation Division: Los Angeles County Fire Department
Violation Program: HW

AMERICAN WRECKING INC (Continued) **U001569447**

Violation Source: CERS

Site ID: 91962
Site Name: AMERICAN WRECKING INC
Violation Date: 11-16-2018
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 01/29/2019. OBSERVATION: Used oil was observed spilled in the hazardous waste containment area. Observed secondary containment for used oil tank with accumulated used oil spill for more than 24 hour period. CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating the spill has been properly removed and managed.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 91962
Site Name: AMERICAN WRECKING INC
Violation Date: 09-18-2015
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide and maintain adequate secondary containment.
Violation Notes: Returned to compliance on 12/12/2017. OBSERVATION: Failure to provide and maintain adequate secondary containment equal to 100% of the largest container plus precipitation. CORRECTIVE ACTION: Provide and maintain adequate secondary containment for the 175-gal used oil AST.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 91962
Site Name: AMERICAN WRECKING INC
Violation Date: 11-16-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 01/29/2019. OBSERVATION: Observed no labels for area that stores empty flammable gases, oxygen gases, and 55 gal drums. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 91962
Site Name: AMERICAN WRECKING INC
Violation Date: 09-18-2015
Citation: HSC 6.5 25250.7 - California Health and Safety Code, Chapter 6.5,

AMERICAN WRECKING INC (Continued) **U001569447**

	Section(s) 25250.7
Violation Description:	Failure to handle contaminated used oil (other than minimal amounts of vehicle fuel) as a hazardous waste.
Violation Notes:	Returned to compliance on 11/16/2018. OBSERVATION: Generator failed to handle contaminated used oil (other than minimal amounts of vehicle fuel) as a hazardous waste. Mechanic mixes waste solvent and used oil; waste mixture is disposed by the company as used oil. CORRECTIVE ACTION: Owner/Operator shall handle contaminated used oil as a hazardous waste in accordance with all requirements in Title 22. Submit verification to the CUPA that all used oil waste is being properly stored as a hazardous waste within 30 days, and maintain records of all disposals of used oil as a hazardous waste.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	91962
Site Name:	AMERICAN WRECKING INC
Violation Date:	09-18-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to perform a five-year review of the SPCC plan.
Violation Notes:	Returned to compliance on 06/27/2018. OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review and submit verification of proper completion.
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS

Site ID:	91962
Site Name:	AMERICAN WRECKING INC
Violation Date:	09-18-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/15/2018. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately. Include a Hazardous Materials Inventory page for the following: Waste antifreeze-1x250-gal AST, Clear diesel G 1x1500-gal AST, Red diesel G 1x1500-gal AST Drained used oil filters G 2 x 55-gal drums (one empty, one full) Used absorbent G 1 x 55-gal drum New solvent (Shell Sol D60) G 1x 55-gal drum Used oil G 1 x 175-gal + 2x250-gal AST Oily water G 1x55-gal Motor oil G 1x55-gal drum + 1x240-gal cube + 1 x 120-gal cube Automatic Transmission Fluid - 1 x 120-gal cube Acetylene G 1 x 140 cf cylinder Propane G 11x8-10 gal cylinders + 1x8-gal cylinder Oxygen-21x281-cf cylinders Argon-6x280-cf cylinder
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

AMERICAN WRECKING INC (Continued) **U001569447**

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 01-02-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; HMBP adequate for 2017 as of 12/20/17; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; no HMBP submitted; revisit conducted, met with Robert Hall (paper partner); explained NOV, provided copy of NOV and RV Fee Notification.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carlos Galaviz, safety manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Met with Mr. Carlos Galaviz per his request for assistance with CERS; helped him complete Inventory section only; all other sections to be done by him this week; all HW and AST issues still unresolved or records not available. He promised to contact his consultant for an SPCC Plan and will also submit past manifests this week; AEO initiated

AMERICAN WRECKING INC (Continued) **U001569447**

	for all P/E.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-17-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Carlos Galaviz, Operator. Reviewed and discussed with operator the updates in CERS. Violation abated.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-17-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Carlos Galivan, Manager.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Called Mr. Galaviz and left message regarding status of SPCC Plan; requested email of SPCC if available or make appointment for review
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-29-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Observed proof of compliance on site. NOV abated.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-27-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SPCC Plan dated 12/11/17 reviewed; monthly inspections not available, informed Mr. Galaviz to send past 6 months; followup required.
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-18-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency

AMERICAN WRECKING INC (Continued) **U001569447**

Eval Notes: Carlos Galaviz, Safety Director
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carlos Galaviz, Safety Director
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carlos Galaviz, Safety Director
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; HMBP accepted except for Site Map; emailed Mr. Carlos Galaviz to re-submit corrected Site Map;followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Called office and left message for Carlos Galaviz, Safety Manager and Owner Jose L Galaviz. Called cellphone as well, spoke with Carlos briefly; he said he would call back to discuss NOV. Followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Carlos Galaviz, Safety Director. No significant violations observed at the time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2018
Violations Found: Yes

AMERICAN WRECKING INC (Continued) **U001569447**

Eval Type: Routine done by local agency
Eval Notes: Carlos Galaviz, Safety Director.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Carlos Galaviz, Safety Director.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; Tank Facility Statement submitted for 2017; secondary containment installed; spoke with Carlos Galaviz; new SPCC plan pending.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Revisit conducted; CERS reviewed; Site Map needs correction for fire extinguisher location.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Revisit conducted; met with Carlos Galaviz; mechanics instructed to cease from mixing solvent and oil; waste parts washing solvent drum obtained.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

AMERICAN WRECKING INC (Continued) **U001569447**

Affiliation Type Desc:	Document Preparer
Entity Name:	Carlos Galaviz
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Carlos Galaviz
Entity Title:	Safety Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	JOSE LUIS GALAVIZ
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 350-8303

Affiliation Type Desc:	Legal Owner
Entity Name:	JOSE LUIS GALAVIZ
Entity Title:	Not reported
Affiliation Address:	2459 LEE AVE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 350-8303

Affiliation Type Desc:	Parent Corporation
Entity Name:	AMERICAN WRECKING INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	CARLOS GALAVIZ
Entity Title:	Not reported
Affiliation Address:	2459 LEE AVE
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported

AMERICAN WRECKING INC (Continued) **U001569447**

Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2459 LEE AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

X193 **AST** **A100344817**
WSW **2459 LEE AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA**
0.205 mi.
1082 ft. **Site 14 of 14 in cluster X**

Relative:
Lower

Actual:
236 ft.

AST:

Name:	Not reported
Address:	2459 LEE AVE
City/Zip:	SOUTH EL MONTE,
Certified Unified Program Agencies:	Los Angeles County
Owner:	AMERICAN WRECKING INC
Total Gallons:	3701
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

U194 **SE** **1/8-1/4** **0.206 mi.** **1087 ft.**	**HOW E. BAKER CO. (HEBCO)** **2224 CHICO AVE** **SOUTH EL MONTE, CA 91733** **Site 3 of 3 in cluster U**	**WIP**	**S106765676** **N/A**

Relative: **Higher**

Actual: **241 ft.**

WIP:

Name:	HOW E. BAKER CO. (HEBCO)
Address:	2224 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1030
File Status:	**Historical**
Staff:	BPONEK
Facility Suite:	Not reported

T195 **South** **1/8-1/4** **0.207 mi.** **1091 ft.**	**BUDCO** **2310 ROSEMEAD BLVD** **SOUTH EL MONTE, CA 91733** **Site 5 of 5 in cluster T**	**WIP**	**S102823602** **N/A**

Relative: **Lower**

Actual: **237 ft.**

WIP:

Name:	BUDCO
Address:	2310 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0668
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

AA196 **WNW** **1/8-1/4** **0.209 mi.** **1101 ft.**	**D T GRAPHICS** **2621 LEE AVE** **SOUTH EL MONTE, CA 91733** **Site 3 of 14 in cluster AA**	**RCRA-SQG** **FINDS** **ECHO** **HAZNET** **HWTS**	**1000886266** **CA0000134809**

Relative: **Lower**

Actual: **238 ft.**

RCRA-SQG:

Date Form Received by Agency:	1994-02-11 00:00:00.0
Handler Name:	D T GRAPHICS
Handler Address:	2621 LEE AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CA0000134809
Contact Name:	DAN WONG
Contact Address:	2621 LEE AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	818-442-8863
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities

D T GRAPHICS (Continued) **1000886266**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	LEE AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	DAN WONG
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:31:31.0
Recognized Trader-Importer:	No

D T GRAPHICS (Continued) **1000886266**

Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: DAN WONG
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2621 LEE AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 818-442-8863
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1994-02-11 00:00:00.0
Handler Name: D T GRAPHICS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002613878

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

D T GRAPHICS (Continued) **1000886266**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000886266
Registry ID: 110002613878
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002613878
Name: D T GRAPHICS
Address: 2621 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733

HAZNET:

Name: D T GRAPHICS
Address: 2621 LEE AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact: DAN WONG/PRESIDENT
Telephone: 6264428863
Mailing Name: Not reported
Mailing Address: 2621 LEE AVE

Year: 2002
Gepaid: CA0000134809
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.07923

Year: 2001
Gepaid: CA0000134809
TSD EPA ID: CAD093459485
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.2502

Year: 2001
Gepaid: CA0000134809
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.6754

Year: 2000
Gepaid: CA0000134809
TSD EPA ID: CAD008302903
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 2.97

Year: 2000
Gepaid: CA0000134809
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station

D T GRAPHICS (Continued) **1000886266**

Tons: 0.1834

Year: 1999
Gepaid: CA0000134809
TSD EPA ID: CAD008302903
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 6.21

Year: 1998
Gepaid: CA0000134809
TSD EPA ID: CAT000613976
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H01 - Transfer Station
Tons: 0.2293

Year: 1997
Gepaid: CA0000134809
TSD EPA ID: CAT000613976
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: -
Tons: 0

Year: 1997
Gepaid: CA0000134809
TSD EPA ID: CAT000613976
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H01 - Transfer Station
Tons: 0.2293

Additional Info:
Year: 1997
Gen EPA ID: CA0000134809

Shipment Date: 19970114
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19970120
Manifest ID: 95955444
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: - Not reported
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

D T GRAPHICS (Continued) **1000886266**

Additional Code 5: Not reported

Shipment Date: 19970114
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19970120
Manifest ID: 95955444
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970114
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19970120
Manifest ID: 95955444
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970114
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19970120
Manifest ID: 95955444
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported

D T GRAPHICS (Continued) **1000886266**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CA0000134809
Shipment Date:	19981118
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981125
Manifest ID:	98565911
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CA0000134809
Shipment Date:	20001204
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001206
Manifest ID:	20522958
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

D T GRAPHICS (Continued) **1000886266**

Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0792
Waste Quantity: 19
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001011
Creation Date: 12/13/2000 0:00:00
Receipt Date: 20001017
Manifest ID: 20518872
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: SCR000074591
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1042
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000316
Creation Date: 5/17/2000 0:00:00
Receipt Date: 20000316
Manifest ID: 99388670
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 1.386

D T GRAPHICS (Continued) **1000886266**

Waste Quantity: 385
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000125
Creation Date: 3/22/2000 0:00:00
Receipt Date: 20000127
Manifest ID: 99388572
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000125
Creation Date: 3/22/2000 0:00:00
Receipt Date: 20000127
Manifest ID: 99388572
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 1.386
Waste Quantity: 385
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

D T GRAPHICS (Continued) **1000886266**

Additional Info:
Year: 1999
Gen EPA ID: CA0000134809

Shipment Date: 19991101
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991105
Manifest ID: 99083187
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991101
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991105
Manifest ID: 99083187
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.756
Waste Quantity: 210
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990920
Creation Date: 11/18/1999 0:00:00
Receipt Date: 19990921
Manifest ID: 99083098
Trans EPA ID: CAR000045278

D T GRAPHICS (Continued) **1000886266**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.72
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990818
Creation Date:	10/26/1999 0:00:00
Receipt Date:	19990819
Manifest ID:	99083029
Trans EPA ID:	CAR000045278
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.594
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990818
Creation Date:	10/26/1999 0:00:00
Receipt Date:	19990819
Manifest ID:	99083029
Trans EPA ID:	CAR000045278
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001

D T GRAPHICS (Continued) **1000886266**

Meth Code: R01 - Recycler
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990728
Creation Date: 9/21/1999 0:00:00
Receipt Date: 19990728
Manifest ID: 99082982
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.792
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990701
Creation Date: 8/24/1999 0:00:00
Receipt Date: 19990701
Manifest ID: 99082844
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.594
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

D T GRAPHICS (Continued) **1000886266**

Shipment Date: 19990415
Creation Date: 5/20/1999 0:00:00
Receipt Date: 19990415
Manifest ID: 98615139
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.792
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990308
Creation Date: 5/17/1999 0:00:00
Receipt Date: 19990308
Manifest ID: 98615093
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990308
Creation Date: 5/17/1999 0:00:00
Receipt Date: 19990308
Manifest ID: 98615093
Trans EPA ID: CAR000045278
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903

D T GRAPHICS (Continued) **1000886266**

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.396
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CA0000134809

Shipment Date: 20020305
Creation Date: 7/8/2002 18:31:16
Receipt Date: 20020307
Manifest ID: 21496914
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.07923
Waste Quantity: 19
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CA0000134809

Shipment Date: 20011107
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011112
Manifest ID: 21387281
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976

D T GRAPHICS (Continued) **1000886266**

Trans Name: Not reported
TSDF Alt EPA ID: CAT000613976
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0834
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010910
Creation Date: 11/1/2001 0:00:00
Receipt Date: 20010914
Manifest ID: 21451645
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1042
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010719
Creation Date: 10/1/2001 0:00:00
Receipt Date: 20010723
Manifest ID: 21103771
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0959
Waste Quantity: 23
Quantity Unit: G

D T GRAPHICS (Continued) **1000886266**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010601
Creation Date: 7/30/2001 0:00:00
Receipt Date: 20010606
Manifest ID: 20682417
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.2502
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010521
Creation Date: 7/20/2001 0:00:00
Receipt Date: 20010522
Manifest ID: 20647731
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1417
Waste Quantity: 34
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010326
Creation Date: 6/20/2001 0:00:00
Receipt Date: 20010328

D T GRAPHICS (Continued) **1000886266**

Manifest ID:	20621172
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010129
Creation Date:	4/10/2001 0:00:00
Receipt Date:	20010130
Manifest ID:	20522996
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	D T GRAPHICS
Address:	2621 LEE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
EPA ID:	CA0000134809
Inactive Date:	06/30/2002
Create Date:	12/08/1995
Last Act Date:	07/06/2010
Mailing Name:	Not reported
Mailing Address:	2621 LEE AVE
Mailing Address 2:	Not reported

D T GRAPHICS (Continued) **1000886266**

Mailing City,State,Zip:	SOUTH EL MONTE, CA 917331411
Owner Name:	DAN WONG
Owner Address:	2621 LEE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917331411
Contact Name:	DAN WONG/PRESIDENT
Contact Address:	2621 LEE AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331411

AB197 **FLEXFIRM PRODS** **CPS-SLIC** **S106765225**
SE **2300 CHICO AVE.** **WIP** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.211 mi.
1114 ft. **Site 1 of 2 in cluster AB**

Relative: **Higher**

Actual: **242 ft.**

CPS-SLIC:

Name:	FLEXFIRM PRODS
Address:	2300 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/17/1995
Global Id:	T10000016133
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.05465
Longitude:	-118.05986
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	107.0142
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	FLEXFIRM PRODUCTS, INC.
Address:	2300 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0142
File Status:	**Historical**
Staff:	GMM
Facility Suite:	Not reported

Y198 **SW** **1/8-1/4** **0.212 mi.** **1117 ft.**

DAVID CHEN PROPERTY
9329 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

Site 6 of 6 in cluster Y

UST **U004263316** **N/A**

Relative: **Lower**
Actual: **236 ft.**

UST:

Name:	DAVID CHEN PROPERTY
Address:	9329 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility ID:	Not reported
Permitting Agency:	Los Angeles County Fire Department
Latitude:	34.05563
Longitude:	-118.06635

Name:	DAVID CHEN PROPERTY
Address:	9329 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility ID:	Not reported
Permitting Agency:	Los Angeles County Fire Department
Latitude:	34.05563
Longitude:	-118.06635

Z199 **ESE** **1/8-1/4** **0.212 mi.** **1120 ft.**

J.O.B. PRECISION MACHINING
9718 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

Site 6 of 8 in cluster Z

WIP **S106765713** **N/A**

Relative: **Higher**
Actual: **246 ft.**

WIP:

Name:	J.O.B. PRECISION MACHINING
Address:	9718 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1093
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

AC200 **SW** **1/8-1/4** **0.212 mi.** **1121 ft.**

SURE SHOT NEGATIVE & PRINTING
2424 LEE AVE
SOUTH EL MONTE, CA 91733

Site 1 of 5 in cluster AC

WIP **S106766006** **N/A**

Relative: **Lower**
Actual: **236 ft.**

WIP:

Name:	SURE SHOT NEGATIVE & PRINTING
Address:	2424 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1571
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

AD201 **E C CONSTRUCTION CO** **RCRA NonGen / NLR** **1024782563**
SSE **2213 CHICO AVE** **CAD048462980**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.214 mi.
1131 ft. **Site 1 of 13 in cluster AD**

Relative: **Lower**
Actual: **240 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	1983-06-02 00:00:00.0
Handler Name:	E C CONSTRUCTION CO
Handler Address:	2213 CHICO AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
EPA ID:	CAD048462980
Contact Name:	JOHN WALTERS
Contact Address:	2213 CHICO AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-705-2129
Contact Fax:	626-444-3077
Contact Email:	JKW@ECCONST.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2213 CHICO AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner Name:	E C CONSTRUCTION CO.
Owner Type:	Other
Operator Name:	JOHN WALTERS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

E C CONSTRUCTION CO (Continued) **1024782563**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:13:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN WALTERS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2213 CHICO AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-705-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	E C CONSTRUCTION CO.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2213 CHICO AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone:	626-444-9596
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

E C CONSTRUCTION CO (Continued) **1024782563**

Historic Generators:
Receive Date: 1983-06-02 00:00:00.0
Handler Name: E C CONSTRUCTION CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AD202 **E C CONSTRUCTION CO** **LUST** **U002286599**
SSE **2213 CHICO AVE** **AST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **CERS HAZ WASTE**
0.214 mi. **SWEEPS UST**
1131 ft. **Site 2 of 13 in cluster AD** **HIST UST**
Relative: **CERS TANKS**
Lower **Cortese**
HIST CORTESE
Actual: **LOS ANGELES CO. HMS**
240 ft. **CERS**
HWTS

LUST:
Name: E C. CONSTRUCTION COMPANY
Address: 2213 CHICO AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704128
Global Id: T0603704128
Latitude: 34.0560663
Longitude: -118.0600641
Status: Completed - Case Closed
Status Date: 07/08/2016
Case Worker: ALT
RB Case Number: I-14000A
Local Agency: Not reported
File Location: Regional Board
Local Case Number: C-589209
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline

E C CONSTRUCTION CO (Continued) **U002286599**

Site History: Not reported

LUST:
Global Id: T0603704128
Contact Type: Regional Board Caseworker
Contact Name: ADAM TAING
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 West 4th Street
City: LOS ANGELES
Email: adam.taing@waterboards.ca.gov
Phone Number: 2135766752

LUST:
Global Id: T0603704128
Action Type: RESPONSE
Date: 09/10/2015
Action: Closure Report

Global Id: T0603704128
Action Type: ENFORCEMENT
Date: 07/08/2016
Action: Closure/No Further Action Letter

Global Id: T0603704128
Action Type: ENFORCEMENT
Date: 02/09/2016
Action: Notification - Preclosure

Global Id: T0603704128
Action Type: Other
Date: 08/17/1998
Action: Leak Discovery

Global Id: T0603704128
Action Type: Other
Date: 08/17/1998
Action: Leak Stopped

Global Id: T0603704128
Action Type: Other
Date: 03/06/1990
Action: Leak Reported

Global Id: T0603704128
Action Type: ENFORCEMENT
Date: 01/20/2009
Action: Staff Letter

Global Id: T0603704128
Action Type: RESPONSE
Date: 10/15/2015
Action: Other Report / Document

Global Id: T0603704128
Action Type: REMEDIATION
Date: 08/19/1998
Action: Excavation

E C CONSTRUCTION CO (Continued) **U002286599**

Global Id: T0603704128
Action Type: ENFORCEMENT
Date: 10/22/2008
Action: Referral to Regional Board - #CORR# 589209

LUST:

Global Id: T0603704128
Status: Open - Case Begin Date
Status Date: 12/14/1989

Global Id: T0603704128
Status: Open - Remediation
Status Date: 12/14/1989

Global Id: T0603704128
Status: Open - Site Assessment
Status Date: 03/19/1990

Global Id: T0603704128
Status: Completed - Case Closed
Status Date: 05/21/1992

Global Id: T0603704128
Status: Open - Reopen Case
Status Date: 01/27/2004

Global Id: T0603704128
Status: Open - Inactive
Status Date: 03/25/2004

Global Id: T0603704128
Status: Open - Referred
Status Date: 11/03/2008

Global Id: T0603704128
Status: Open - Site Assessment
Status Date: 01/20/2009

Global Id: T0603704128
Status: Open - Site Assessment
Status Date: 09/01/2015

Global Id: T0603704128
Status: Completed - Case Closed
Status Date: 07/08/2016

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-14000
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported

E C CONSTRUCTION CO (Continued) **U002286599**

Case Type: Soil
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603704128
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Date Leak Discovered: Not reported
Date Leak First Reported: 3/6/1990
Date Leak Record Entered: 4/29/1990
Date Confirmation Began: 3/19/1990
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 6/30/1992
Date the Case was Closed: 5/21/1992
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2977.2115092821557416611525626
Source of Cleanup Funding: F
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: 12/14/1989
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 1/1/1965
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: E. C. CONSTRUCTION COMPANY
RP Address: 2213 CHICO AVE., N., SOUTH EL MONTE, 91733
Program: LUST
Lat/Long: 34.0560663 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

AST:
Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE
City/Zip: SOUTH EL MONTE,91733
Certified Unified Program Agencies: Not reported
Owner: SANDRA L. WALTERS

E C CONSTRUCTION CO (Continued) **U002286599**

Total Gallons: Not reported
CERSID: 10266199
Facility ID: LACoFA0007384
Business Name: E C CONSTRUCTION CO
Phone: (626) 444-9596
Fax: (626)444-3077
Mailing Address: 2213 CHICO AVE
Mailing Address City: SOUTH EL MONTE
Mailing Address State: CA
Mailing Address Zip Code: 91733
Operator Name: JOHN K. WALTERS
Operator Phone: (626) 705-2129
Owner Phone: (626) 444-9596
Owner Mail Address: 2213 CHICO AVE
Owner State: CA
Owner Zip Code: 91733
Owner Country: United States
Property Owner Name: Sandra Walters
Property Owner Phone: 626-444-9596
Property Owner Mailing Address: 2213 CHICO AVE
Property Owner City: SOUTH EL MONTE
Property Owner Stat : CA
Property Owner Zip Code: 91733
Property Owner Country: United States
EPAID: CAD048462980

CERS HAZ WASTE:
Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 391870
CERS ID: 10266199
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 5

Name: E C CONSTRUCTION CO

E C CONSTRUCTION CO (Continued) **U002286599**

Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported

E C CONSTRUCTION CO (Continued) **U002286599**

Number Of Tanks: Not reported

Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000005
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: EC CONSTRUCTION CO
Address: 2213 N CHICO AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 000262F9
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000262F9.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CERS TANKS:
Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 391870
CERS ID: 10266199

E C CONSTRUCTION CO (Continued) **U002286599**

CERS Description: Aboveground Petroleum Storage

CORTESE:

Name:	E C. CONSTRUCTION COMPANY
Address:	2213 CHICO AVE N
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603704128
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	E C. CONSTRUCTION COMPANY
edr_fadd1:	2213 CHICO
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-14000

LOS ANGELES CO. HMS:

Name:	E C CONSTRUCTION CO
Address:	2213 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	I
Facility Id:	013604-I14000
Facility Type:	01
Facility Status:	Removed
Area:	3U
Permit Number:	000083241
Permit Status:	Removed

Name:	E C CONSTRUCTION CO
Address:	2213 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	T
Facility Id:	013604-014000

E C CONSTRUCTION CO (Continued) **U002286599**

Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00005450T
Permit Status: Removed

CERS:
Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 391870
CERS ID: 10266199
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 01-20-2021
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review of SPCC Plan and submit verification of proper completion.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-31-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/24/2015. OBSERVATION: Hazardous waste labels on the used oil drums were missing. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-31-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material

E C CONSTRUCTION CO (Continued) **U002286599**

inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 09/30/2015. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for the forklift propane cylinders (3 x 8-gal) and tack rig propane dewar (1x71-lb) to the CUPA. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-31-2015
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain SPCC plan onsite (applies if facility is manned at least four (4) hours per day).
Violation Notes: Returned to compliance on 09/30/2015. OBSERVATION: Failure to maintain SPCC plan onsite (applies if facility is manned at least four (4) hours per day). SPCC plan is not maintained onsite. CORRECTIVE ACTION: Maintain SPCC plan onsite (If facility staffed 4 hrs/day)
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-02-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes: Returned to compliance on 10/05/2018. OBSERVATION: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records. CORRECTIVE ACTION: Keep written inspection procedures, records of inspections and integrity testing, signed by appropriate supervisor/inspector, for at least 3 years.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-31-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 09/30/2015. OBSERVATION: Empty welding gas

E C CONSTRUCTION CO (Continued) **U002286599**

cylinders were stored but not labeled properly. Several empty one-gallon cans of paint were also piled next to several 5-gallon buckets of unused curing compound. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7 Dispose of empty paint cans properly and submit proof.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 01-20-2021
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and tests, including integrity tests, signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and tests, including integrity tests, for at least three years. 3. Keep comparison records.
Violation Notes: OBSERVATION: Failure to comply with one or more of the following requirements: 1. Have record of inspections and tests, including integrity tests, signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and tests, including integrity tests, for at least three years. 3. Keep comparison records for bulk storage containers subject to 40 CFR 112.8(c)(6). CORRECTIVE ACTION: Keep written inspection procedures, records of inspections and testing, signed by appropriate supervisor/inspector, for at least 3 years.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-31-2015
Citation: HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description: Failure to retain paperwork documenting disposal of used oil for three years.
Violation Notes: Returned to compliance on 09/24/2015. OBSERVATION: The Owner/Operator failed to retain paperwork documenting disposal of used oil for 3 years. CORRECTIVE ACTION: The Owner/Operator shall maintain copies documenting disposal of used oil for aminimum of 3 years.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-02-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide appropriate secondary containment and/or

E C CONSTRUCTION CO (Continued) **U002286599**

diversionary structures or equipment for the following: bulk storage containers, mobile or portable containers, oil-filled equipment, piping and related appurtenances, mobile refuelers or non-transportation-related tank cars, and transfer areas, equipment and activities and ensure that the entire containment system, including walls and floor, are capable of containing oil and constructed so that any discharge will not escape the containment system before cleanup occurs.

Violation Notes: Returned to compliance on 10/05/2018. OBSERVATION: Failure to provide the appropriate containment/diversionary structures/equipment for the following: bulk storage containers, mobile or portable containers, oil-filled equipment, piping and related appurtenances, mobile refuelers or non-transportation-related tank cars, and transfer areas. CORRECTIVE ACTION: Provide appropriate containment measures and/or diversionary structures/equipment capable of containing oil and constructed so that any discharge will not escape the containment system before cleanup occurs.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-31-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 12/28/2016. OBSERVATION: The annotated site map submitted to the CUPA does not include the smaller propane cylinder storage area. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

E C CONSTRUCTION CO (Continued) **U002286599**

Eval Date: 08-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Gus Freeman, Facility Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Gus Freeman, Facility Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-02-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Gus Freeman, Facility Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-31-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: John K Walters, President Inspection of equipment yard, AST, and HM/HW storage areas.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-31-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: John K Walters, President Inspection of equipment yard, AST, and HM/HW storage areas.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-31-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: John K Walters, President Inspection of fueling / AST area.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-10-2018

E C CONSTRUCTION CO (Continued) **U002286599**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Spoke with Gus Freeman; tank inspection records being kept; integrity testing to be scheduled; SPCC Plan revision and mobile refueler berms being completed; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-01-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-05-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Submitted SPCC with incomplete sections such as AST information and inspection records. NOV partially abated.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-28-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed, HMPB accepted as of 1/7/2016. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: JOHN K WALTERS
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

E C CONSTRUCTION CO (Continued) **U002286599**

Affiliation Type Desc: Property Owner
Entity Name: Sandra Walters
Entity Title: Not reported
Affiliation Address: 2213 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 444-9596

Affiliation Type Desc: Document Preparer
Entity Name: CATHERINE HERNANDEZ
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2213 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Environmental Contact
Entity Name: JOHN K WALTERS
Entity Title: Not reported
Affiliation Address: 2213 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: SANDRA L. WALTERS
Entity Title: Not reported
Affiliation Address: 2213 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States

E C CONSTRUCTION CO (Continued) **U002286599**

Affiliation Zip: 91733
Affiliation Phone: (626) 444-9596

Affiliation Type Desc: Operator
Entity Name: JOHN K. WALTERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 705-2129

Affiliation Type Desc: Parent Corporation
Entity Name: E C CONSTRUCTION CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 26954
CERS ID: T0603704128
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ADAM TAING - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 West 4th Street
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766752

HWTS:
Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAD048462980
Inactive Date: Not reported
Create Date: 06/02/1983
Last Act Date: 07/15/2020
Mailing Name: Not reported
Mailing Address: 2213 CHICO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330000
Owner Name: E C CONSTRUCTION CO.

E C CONSTRUCTION CO (Continued) **U002286599**

Owner Address:	2213 CHICO AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917330000
Contact Name:	JOHN WALTERS
Contact Address:	2213 CHICO AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733

NAICS:

EPA ID:	CAD048462980
Create Date:	2005-03-14 14:21:07.800
NAICS Code:	81149
NAICS Description:	Other Personal and Household Goods Repair and Maintenance
Issued EPA ID Date:	1983-06-02 00:00:00
Inactive Date:	Not reported
Facility Name:	E C CONSTRUCTION CO
Facility Address:	2213 CHICO AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917330000

Name:	E C CONSTRUCTION CO
Address:	2213 N CHICO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
EPA ID:	CAX000044040
Inactive Date:	04/30/1986
Create Date:	05/19/1983
Last Act Date:	07/10/2001
Mailing Name:	Not reported
Mailing Address:	2213 N CHICO AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917330000
Owner Name:	--
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	INACTIVE PER SURVEY NOV 1994
Contact Address:	KEN WALTERS
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

AD203 **E.C. CONSTRUCTION** **HIST UST** **U001569449**
SSE **2213 CHICO AVE** **WIP** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.214 mi.
1131 ft. **Site 3 of 13 in cluster AD**

Relative: **Lower**
Actual: **240 ft.**

HIST UST:

Name:	E.C. CONSTRUCTION CO.
Address:	2213 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	Not reported
URL:	Not reported
Region:	STATE

E.C. CONSTRUCTION (Continued) **U001569449**

Facility ID:	00000041467
Facility Type:	Other
Other Type:	CONTRACTOR'S YARD
Contact Name:	Not reported
Telephone:	8184449596
Owner Name:	E.C. CONSTRUCTION COMPANY
Owner Address:	2213 N. CHICO AVENUE
Owner City,St,Zip:	SOUTH EL MONTE, CA 91733
Total Tanks:	0006
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001900
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000900
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	006
Container Num:	6

E.C. CONSTRUCTION (Continued) **U001569449**

Year Installed:	1979
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

WIP:

Name:	E.C. CONSTRUCTION
Address:	2213 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0458
File Status:	**Historical**
Staff:	DKOO
Facility Suite:	Not reported

AD204
SSE **2213 CHICO AVE**
1/8-1/4 **SOUTH EL MONTE, CA**
0.214 mi.
1131 ft. **Site 4 of 13 in cluster AD**

AST **A100344759**
N/A

Relative: Lower
Actual: 240 ft.

AST:

Name:	Not reported
Address:	2213 CHICO AVE
City/Zip:	SOUTH EL MONTE,
Certified Unified Program Agencies:	Los Angeles County
Owner:	E C CONSTRUCTION CO
Total Gallons:	3701
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

AA205 **WNW** **1/8-1/4** **0.214 mi.** **1132 ft.**	**MAC AUTO BODY SHOP INC.** **2631 LEE AVE** **SOUTH EL MONTE, CA 91733** **Site 4 of 14 in cluster AA**	**RCRA NonGen / NLR**	**1025867515** **CAL000317763**

Relative: **Lower**

Actual: **239 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-03-22 00:00:00.0
Handler Name:	MAC AUTO BODY SHOP INC.
Handler Address:	2631 LEE AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-1411
EPA ID:	CAL000317763
Contact Name:	DAVID MAK
Contact Address:	2631 LEE AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-279-2709
Contact Fax:	626-279-2710
Contact Email:	DVHOA712@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2631 LEE AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-1411
Owner Name:	MAC AUTO BODY INC
Owner Type:	Other
Operator Name:	DAVID MAK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

MAC AUTO BODY SHOP INC. (Continued) **1025867515**

Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2019-06-27 15:49:11.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: DAVID MAK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2631 LEE AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-279-2709
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MAC AUTO BODY INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2631 LEE AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone: 626-279-2709
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

MAC AUTO BODY SHOP INC. (Continued) **1025867515**

Historic Generators:
Receive Date: 2007-03-22 00:00:00.0
Handler Name: MAC AUTO BODY SHOP INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AA206
WNW
1/8-1/4
0.214 mi.
1132 ft.

MAC AUTO BODY SHOP INC.
2631 LEE AVE
SOUTH EL MONTE, CA 91733

Site 5 of 14 in cluster AA

CERS HAZ WASTE
HAZNET
CERS
HWTS

S113146839
N/A

Relative:
Lower

Actual:
239 ft.

CERS HAZ WASTE:
Name: MAC AUTO BODY SHOP INC
Address: 2631 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 132118
CERS ID: 10298029
CERS Description: Hazardous Waste Generator

HAZNET:
Name: MAC AUTO BODY SHOP INC.
Address: 2631 LEE AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331411
Contact: DAVID MAK
Telephone: 6262792709
Mailing Name: Not reported
Mailing Address: 2631 LEE AVE

Year: 2019
Gepaid: CAL000317763
TSD EPA ID: CAD008252405

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.77400

Year: 2019
Gepaid: CAL000317763
TSD EPA ID: CAD008252405
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.12510

Year: 2018
Gepaid: CAL000317763
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.52560

Year: 2017
Gepaid: CAL000317763
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.18

Year: 2017
Gepaid: CAL000317763
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1251

Year: 2017
Gepaid: CAL000317763
TSD EPA ID: CAD008252405
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.114

Year: 2016
Gepaid: CAL000317763
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.3204

Year: 2016
Gepaid: CAL000317763
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1251

Year: 2016
Gepaid: CAL000317763
TSD EPA ID: CAD008252405

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03

Year: 2016
Gepaid: CAL000317763
TSD EPA ID: CAD008252405
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.114

Click this hyperlink while viewing on your computer to access
11 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2011
Gen EPA ID: CAL000317763

Shipment Date: 20111006
Creation Date: 3/22/2012 20:30:33
Receipt Date: 20111006
Manifest ID: 008713165JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111006
Creation Date: 3/22/2012 20:30:33
Receipt Date: 20111006
Manifest ID: 008713165JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111006
Creation Date: 3/22/2012 20:30:33
Receipt Date: 20111006
Manifest ID: 008713165JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.114
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110819
Creation Date: 2/11/2012 20:30:14
Receipt Date: 20110819
Manifest ID: 008711722JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAL000317763

Shipment Date: 20090127
Creation Date: 6/17/2009 18:30:27
Receipt Date: 20090127
Manifest ID: 004996985JJK
Trans EPA ID: CAR000194837
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAL000317763

Shipment Date: 20100811
Creation Date: 1/27/2011 18:30:23
Receipt Date: 20100825
Manifest ID: 006580826JJK
Trans EPA ID: CAR000206086
Trans Name: NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID: CAD981429673
Trans 2 Name: PHOTO WASTE RECYCLING
TSDF EPA ID: CAD044429815
Trans Name: CLEAN HARBORS (EWI)
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: P081
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: U188
Additional Code 2: U122

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Additional Code 3:	D026
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100811
Creation Date:	1/27/2011 18:30:23
Receipt Date:	20100825
Manifest ID:	006580826JJK
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAD981429673
Trans 2 Name:	PHOTO WASTE RECYCLING
TSDF EPA ID:	CAD044429815
Trans Name:	CLEAN HARBORS (EWI)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U239
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	U162
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100811
Creation Date:	1/27/2011 18:30:23
Receipt Date:	20100825
Manifest ID:	006580826JJK
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAD981429673
Trans 2 Name:	PHOTO WASTE RECYCLING
TSDF EPA ID:	CAD044429815
Trans Name:	CLEAN HARBORS (EWI)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100219
Creation Date:	11/30/2010 18:30:16
Receipt Date:	20100219

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Manifest ID:	006489186JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.11259
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000317763
Shipment Date:	20130717
Creation Date:	12/19/2013 22:15:06
Receipt Date:	20130717
Manifest ID:	011667606JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000317763
Shipment Date:	20071126
Creation Date:	3/11/2008 18:30:29
Receipt Date:	20071126

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Manifest ID:	003314423JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05838
Waste Quantity:	14
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071126
Creation Date:	3/11/2008 18:30:29
Receipt Date:	20071126
Manifest ID:	003314419JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000317763

Shipment Date:	20120611
Creation Date:	5/31/2013 22:15:05
Receipt Date:	20120611
Manifest ID:	009825162JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAL000317763

Shipment Date: 20171201
Creation Date: 11/1/2018 18:30:24
Receipt Date: 20171201
Manifest ID: 017889319JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171113
Creation Date: 7/28/2018 18:34:05
Receipt Date: 20171115
Manifest ID: 017888317JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171113
Creation Date:	7/28/2018 18:34:05
Receipt Date:	20171115
Manifest ID:	017888317JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.114
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170905
Creation Date:	7/6/2018 18:30:51
Receipt Date:	20170905
Manifest ID:	017004948JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0828
Waste Quantity:	23
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Additional Code 5: Not reported

Shipment Date: 20170616
Creation Date: 7/12/2018 18:30:13
Receipt Date: 20170616
Manifest ID: 016998579JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0432
Waste Quantity: 12
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170324
Creation Date: 5/11/2018 18:34:48
Receipt Date: 20170324
Manifest ID: 016241972JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: MAC AUTO BODY SHOP INC
Address: 2631 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 132118
CERS ID: 10298029
CERS Description: Chemical Storage Facilities

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Violations:

Site ID:	132118
Site Name:	MAC AUTO BODY SHOP INC
Violation Date:	03-17-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/10/2017. OBSERVATION: Four 40-gal drums for waste paint thinner, waste spray booth filters, waste coolant, and waste oil did not have HW labels. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	132118
Site Name:	MAC AUTO BODY SHOP INC
Violation Date:	03-17-2016
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 04/10/2017. OBSERVATION: Waste oil and waste coolant were found stored >180 days. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	132118
Site Name:	MAC AUTO BODY SHOP INC
Violation Date:	03-17-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately. Reportable Haz Mat: Oxygen-250 cu. ft; argon-carbon dioxide(CO2) G 356 cu. ft
Violation Division:	Los Angeles County Fire Department

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: David Mak, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: David Mak, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: David Mak, Owner. No significant violations observed at the time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: David Mak, Owner. No significant violations observed at the time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 1st revisit: Met with David Mak, HMBP not started in CERS; RV fee notif provided to Mr. Mak; follow-up reqd.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HW drums properly labeled; NOV abated.

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Revisit conducted; spoke with David Mak, says he received and paid LSF already; I explained the LSF does not remove the violation or complete the HMBP requirement and he still must submit in CERS; unable to verify LSF payment at time of revisit; will charge billable RV if LSF is not confirmed; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: David Mak
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2631 Lee Ave
Affiliation City: south el monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Environmental Contact
Entity Name: David Mak
Entity Title: Not reported
Affiliation Address: 2631 lee ave
Affiliation City: south el monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Affiliation Type Desc:	Legal Owner
Entity Name:	David Mak
Entity Title:	Not reported
Affiliation Address:	2631 Lee Ave
Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 377-5323

Affiliation Type Desc:	Parent Corporation
Entity Name:	MAC AUTO BODY SHOP INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	David Mak
Entity Title:	Not reported
Affiliation Address:	macautobody2631@yahoo.com
Affiliation City:	south el monte
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 377-5323

Affiliation Type Desc:	Identification Signer
Entity Name:	David Mak
Entity Title:	owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	David Mak
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 279-2709

HWTS:

Name:	MAC AUTO BODY SHOP INC.
Address:	2631 LEE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331411
EPA ID:	CAL000317763

MAC AUTO BODY SHOP INC. (Continued) **S113146839**

Inactive Date:	Not reported
Create Date:	03/22/2007
Last Act Date:	10/23/2020
Mailing Name:	Not reported
Mailing Address:	2631 LEE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917331411
Owner Name:	MAC AUTO BODY INC
Owner Address:	2631 LEE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917330000
Contact Name:	DAVID MAK
Contact Address:	2631 LEE AVE
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733

NAICS:

EPA ID:	CAL000317763
Create Date:	2007-03-22 11:30:00.647
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2007-03-22 11:30:00.61300
Inactive Date:	Not reported
Facility Name:	MAC AUTO BODY SHOP INC.
Facility Address:	2631 LEE AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917331411

EPA ID:	CAL000317763
Create Date:	2011-10-26 15:19:37.000
NAICS Code:	811121
NAICS Description:	Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date:	2007-03-22 11:30:00.61300
Inactive Date:	Not reported
Facility Name:	MAC AUTO BODY SHOP INC.
Facility Address:	2631 LEE AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917331411

AD207 **A & A SCREW PRODUCTS** — **WIP** — **S106765288**
SE **2217 CHICO AVE** — **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.220 mi.
1159 ft. **Site 5 of 13 in cluster AD**

Relative: **Lower**

Actual: **240 ft.**

WIP:

Name:	A & A SCREW PRODUCTS
Address:	2217 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0448

A & A SCREW PRODUCTS (Continued) **S106765288**

File Status:	**Historical**
Staff:	BPONEK
Facility Suite:	Not reported

AE208
ESE
1/8-1/4
0.220 mi.
1160 ft.

AIR DISTRIBUTION PRODUCTS, INC
9733 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

Site 1 of 8 in cluster AE

Database(s): **WIP**
EDR ID Number: **S106765339**
EPA ID Number: **N/A**

Relative: **Higher**
Actual: **248 ft.**

WIP:

Name:	AIR DISTRIBUTION PRODUCTS, INC
Address:	9733 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0521
File Status:	**Historical**
Staff:	CORTEZ
Facility Suite:	Not reported

W209
North
1/8-1/4
0.220 mi.
1160 ft.

FREDDIE MAC'S INC
2740 NORTH BRUIN AVE
S EL MONTE, CA 91733

Site 3 of 3 in cluster W

Database(s): **HAZNET**, **WIP**
EDR ID Number: **S106766099**
EPA ID Number: **N/A**

Relative: **Higher**
Actual: **245 ft.**

HAZNET:

Name:	FREDDIE MAC'S INC
Address:	2740 NORTH BRUIN AVE
Address 2:	Not reported
City,State,Zip:	S EL MONTE, CA 91733
Contact:	SUSAN WHITE
Telephone:	6264434141
Mailing Name:	Not reported
Mailing Address:	2740 NORTH BRUIN AVE
Year:	2018
Gepaid:	CAC002942892
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00000

WIP:

Name:	FREDDIE MAC'S INC.
Address:	2740 N Bruin Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1709
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

AF210 **South** **1/8-1/4** **0.221 mi.** **1169 ft.**

DITTY CONTAINER
2226 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 1 of 6 in cluster AF

UST **U004049941** **N/A**

Relative: Lower
Actual: 236 ft.

UST:

Name:	DITTY CONTAINER
Address:	2226 ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility ID:	4601
Permitting Agency:	LOS ANGELES COUNTY
Latitude:	34.0558338
Longitude:	-118.0619137

AF211 **South** **1/8-1/4** **0.221 mi.** **1169 ft.**

DITTY CONTAINER INC
2226 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 2 of 6 in cluster AF

CERS HAZ WASTE
CERS TANKS
EMI
LOS ANGELES CO. HMS
WDS
CERS

U002279495 **N/A**

Relative: Lower
Actual: 236 ft.

CERS HAZ WASTE:

Name:	DITTY CONTAINER INC
Address:	2226 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	111789
CERS ID:	10288930
CERS Description:	Hazardous Waste Generator

Name:	DITTY CONTAINER INC
Address:	2226 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	111789
CERS ID:	10288930
CERS Description:	Hazardous Waste Onsite Treatment

CERS TANKS:

Name:	DITTY CONTAINER INC
Address:	2226 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	111789
CERS ID:	10288930
CERS Description:	Aboveground Petroleum Storage

EMI:

Name:	DITTY CONTAINER INC
Address:	2226 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	94529
Air District Name:	SC
SIC Code:	3412
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	51

DITTY CONTAINER INC (Continued) **U002279495**

Reactive Organic Gases Tons/Yr: 36
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2005
County Code: 19
Air Basin: SC
Facility ID: 94529
Air District Name: SC
SIC Code: 3412
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 19.54074
Reactive Organic Gases Tons/Yr: 17.528477286
Carbon Monoxide Emissions Tons/Yr: .4162
NOX - Oxides of Nitrogen Tons/Yr: .64
SOX - Oxides of Sulphur Tons/Yr: .00435
Particulate Matter Tons/Yr: .6682
Part. Matter 10 Micrometers and Smllr Tons/Yr:.643624

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2006
County Code: 19
Air Basin: SC
Facility ID: 94529
Air District Name: SC
SIC Code: 3412
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.255985790735642021
Reactive Organic Gases Tons/Yr: .579
Carbon Monoxide Emissions Tons/Yr: .266
NOX - Oxides of Nitrogen Tons/Yr: .988
SOX - Oxides of Sulphur Tons/Yr: .005
Particulate Matter Tons/Yr: .509
Part. Matter 10 Micrometers and Smllr Tons/Yr:.49032

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2007
County Code: 19
Air Basin: SC
Facility ID: 94529
Air District Name: SC
SIC Code: 3412
Air District Name: SOUTH COAST AQMD

DITTY CONTAINER INC (Continued) **U002279495**

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.255985790735642021
Reactive Organic Gases Tons/Yr: .579
Carbon Monoxide Emissions Tons/Yr: .266
NOX - Oxides of Nitrogen Tons/Yr: .988
SOX - Oxides of Sulphur Tons/Yr: .005
Particulate Matter Tons/Yr: .509
Part. Matter 10 Micrometers and Smllr Tons/Yr:.49032

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2008
County Code: 19
Air Basin: SC
Facility ID: 94529
Air District Name: SC
SIC Code: 7623
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .4765164571473742965
Reactive Organic Gases Tons/Yr: .3069683000000000432
Carbon Monoxide Emissions Tons/Yr: .24
NOX - Oxides of Nitrogen Tons/Yr: .93
SOX - Oxides of Sulphur Tons/Yr: .00433116
Particulate Matter Tons/Yr: .4004
Part. Matter 10 Micrometers and Smllr Tons/Yr:.385944

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2012
County Code: 19
Air Basin: SC
Facility ID: 94529
Air District Name: SC
SIC Code: 7623
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.16119932805
Reactive Organic Gases Tons/Yr: 0.14421
Carbon Monoxide Emissions Tons/Yr: 0.01719
NOX - Oxides of Nitrogen Tons/Yr: 0.05793
SOX - Oxides of Sulphur Tons/Yr: 0.00026
Particulate Matter Tons/Yr: 0.1655
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.1588956

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2013
County Code: 19
Air Basin: SC
Facility ID: 94529

DITTY CONTAINER INC (Continued) **U002279495**

Air District Name: SC
SIC Code: 7623
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.45942793703
Reactive Organic Gases Tons/Yr: 0.29552
Carbon Monoxide Emissions Tons/Yr: 0.19551
NOX - Oxides of Nitrogen Tons/Yr: 0.6223
SOX - Oxides of Sulphur Tons/Yr: 0.00293
Particulate Matter Tons/Yr: 0.3413
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.3290496

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2016
County Code: 19
Air Basin: SC
Facility ID: 94529
Air District Name: SC
SIC Code: 3412
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.36472718012
Reactive Organic Gases Tons/Yr: 0.257986
Carbon Monoxide Emissions Tons/Yr: 0.19
NOX - Oxides of Nitrogen Tons/Yr: 0.57
SOX - Oxides of Sulphur Tons/Yr: 0.002815
Particulate Matter Tons/Yr: 0.285416
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.27500016

LOS ANGELES CO. HMS:
Name: PACIFIC COAST DRUM CO
Address: 2226 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 917331520
Region: LA
Permit Category: I
Facility Id: 004434-I04601
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000005059
Permit Status: Closed

Name: PACIFIC COAST DRUM CO
Address: 2226 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 917331520
Region: LA
Permit Category: I
Facility Id: 004434-I04601
Facility Type: 09
Facility Status: Closed
Area: 3U
Permit Number: 000008312
Permit Status: Closed

DITTY CONTAINER INC (Continued) **U002279495**

WDS:

Name:	DITTY CONTAINER INC
Address:	2226 N ROSEMEAD BLVD
City:	SOUTH EL MONTE
Facility ID:	4 19I012779
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	DITTY CONTAINER INC
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name:	DITTY CONTAINER INC
Address:	2226 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	111789
CERS ID:	10288930
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-26-2019

DITTY CONTAINER INC (Continued) **U002279495**

Citation: 22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A)
Violation Description: Failure to prepare a treatment system inspection program and the log of inspections conducted, and maintain onsite for three years.
Violation Notes: Returned to compliance on 01/17/2020. OBSERVATION: Generator failed to provide a treatment system inspection program and a log of inspections. CORRECTIVE ACTIONS: Complete and provide to CUPA a treatment system inspection program and a log of inspections conducted. Keep records for three years.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: Finely divided metals generated from shot blasting of metal drums are being recycled as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 09/08/2016. OBSERVATION: Sludge (resin waste) from treatment tank and stripper; wastewater from collection sump (2,000-gal below-grade sump); shot blast dust; and wastewater from hard-flush collection sumps did not have any recent analysis or hazardous waste determination. Any person who generates a waste shall determine if the waste is a hazardous waste and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal. CORRECTIVE ACTION: Immediately make a hazardous waste determination for pH, %-weight of base in the wastewater, and Title 22 heavy metals using TTLC/STLC as applicable and manage it according the Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW

DITTY CONTAINER INC (Continued) **U002279495**

Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 01/17/2020. OBSERVATION: Owner/Operator failed to separate incompatible hazardous materials in storage pursuant to UFC 5003.9.8. CORRECTIVE ACTION: Incompatible materials in storage and storage of materials that are incompatible with materials in use shall be separated where the stored materials are in containers having a capacity of more than 5 pounds (2 kg) or 0.5 gallon (2 L). Separation shall be accomplished by one or more of the following methods: 1. Segregating incompatible materials in storage by a distance of not less than 20 feet (6096 mm). 2. Isolating incompatible materials in storage by a non-combustible partition extending not less than 18 inches (457 mm) above and to the sides of the stored material. 3. Storing liquid and solid materials in hazardous material storage cabinets. 4. Storing compressed gases in gas cabinets or exhausted enclosures in accordance with Sections 5003.8.5 and 5003.8.6. Materials that are incompatible shall not be stored within the same [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to prepare and implement SPCC. CORRECTIVE ACTION: Prepare and implement SPCC.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA

DITTY CONTAINER INC (Continued) **U002279495**

Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: Returned to compliance on 11/17/2016. wwater collection sump 2,000-gal OBSERVATION: Owner/Operator does not have a tank assessment for the 2,000-gal alkaline wastewater collection sump (continuously-fed below-grade tank). The owner or operator of a hazardous waste tank shall obtain a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the 2,000-gal alkaline wastewater sump (tank). Submit a schedule showing when this will be accomplished to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(8)(A)(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)(A)(c)(9)(A)
Violation Description: Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years.
Violation Notes: Returned to compliance on 01/17/2020. OBSERVATION: Owner/Operator failed to complete a waste analysis plan or has an incomplete waste analysis plan, or failed to implement the waste analysis plan and properly maintain records to document implementation of the waste analysis plan. CORRECTIVE ACTION: Complete or revise waste analysis plan to comply with the requirements of CCR 66265.13, and/or implement waste analysis plan and properly maintain records to document that you are implementing the waste analysis plan. Submit copy of plan and records demonstrating implementation.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789

DITTY CONTAINER INC (Continued) **U002279495**

Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by April 1, 2016. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: Returned to compliance on 01/17/2020. OBSERVATION: The owner or operator failed to permanently mark the exterior of the treatment unit. The owner or operator of a treatment unit deemed to hold a permit by rule shall permanently mark the exterior of each treatment unit with the name of the person which owns or operates the treatment unit, facility identification number and an individual serial number. CORRECTIVE ACTIONS: Ensure that the HW treatment unit meets all of the requirements listed. Provide supporting documentation that demonstrates compliance with the requirements to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review and submit verification of proper completion.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016

DITTY CONTAINER INC (Continued) **U002279495**

Citation:	22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description:	Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes:	Returned to compliance on 11/17/2016. OBSERVATION: The contingency plan was not submitted to the CUPA. CORRECTIVE ACTION: Immediately submit a copy of the plan to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-26-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide bulk storage containers with adequate secondary containment large enough to contain the entire capacity of the largest container plus additional capacity to contain precipitation when applicable, and/or failure to position/locate mobile or portable containers to prevent a discharge.
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: Bulk storage containers do not have adequate secondary containment. Tote bins were found in the oil-water separation area and behind the storage cage without secondary containment. CORRECTIVE ACTION: Provide secondary containment for each bulk storage container or relocate them within containment berms. Submit photos within 30 days.
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS

Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-09-2016
Citation:	HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21
Violation Description:	Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).
Violation Notes:	Returned to compliance on 11/17/2016. OBSERVATION: The Generator failed to adequately complete a source reduction report with all the required information or failed to maintain the report for review. Elements of the 2015 Source Reduction Report are being prepared but not yet completed. CORRECTIVE ACTION: The Generator shall immediatly complete a source reduction report with all the required infromation and maintain for review.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	11-17-2016
Violations Found:	No

DITTY CONTAINER INC (Continued) **U002279495**

Eval Type: Other, not routine, done by local agency
Eval Notes: Tank Assessment, SB-14, and Contingency Pan submitted and reviewed; waste determination conducted, results pending. Followup in one week.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-01-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HW determination conducted on 9/8/16; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager and Adam Pluskota, Office Manager Facility subject to HW analysis of alkaline wastewater from collection sump to determine Tiered Permit category (CA or PBR)
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes

DITTY CONTAINER INC (Continued) **U002279495**

Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittals (HMBP/ER Plans) reviewed and accepted. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SPCC dated Sept 2016 reviewed, including section discussing 5-yr review/technical amendments; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Coordinates:
Site ID: 111789
Facility Name: DITTY CONTAINER INC
Env Int Type Code: HMBP
Program ID: 10288930
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.054360
Longitude: -118.063140

Affiliation:
Affiliation Type Desc: Company Official
Entity Name: Tim Ditty

DITTY CONTAINER INC (Continued) **U002279495**

Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	917331520
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000

Affiliation Type Desc:	Legal Owner
Entity Name:	TIMOTHY DITTY
Entity Title:	Not reported
Affiliation Address:	2226 N. ROSEMEAD BLVD.
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 454-1182

Affiliation Type Desc:	Parent Corporation
Entity Name:	DITTY CONTAINER INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Pacific Coast Drum
Entity Title:	Not reported
Affiliation Address:	P.O. Box 3593
Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 443-3096

Affiliation Type Desc:	Public Contact
Entity Name:	TIM DITTY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

DITTY CONTAINER INC (Continued) **U002279495**

Affiliation Type Desc: Public Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Affiliation Type Desc: Technical Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Affiliation Type Desc: Environmental Contact
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BL
Affiliation City: SOUTHELMONTE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: DITTY CONTAINER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 454-1182

Affiliation Type Desc: Document Preparer
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BL
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported

DITTY CONTAINER INC (Continued) **U002279495**

Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: JUAN ROJO
Entity Title: PRODUCTION MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Timothy Ditty
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 111789
CERS ID: 91733DTTYC2226N
CERS Description: Toxic Release Inventory

Violations:
Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A)
Violation Description: Failure to prepare a treatment system inspection program and the log of inspections conducted, and maintain onsite for three years.
Violation Notes: Returned to compliance on 01/17/2020. OBSERVATION: Generator failed to provide a treatment system inspection program and a log of inspections. CORRECTIVE ACTIONS: Complete and provide to CUPA a treatment system inspection program and a log of inspections conducted. Keep records for three years.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

DITTY CONTAINER INC (Continued) **U002279495**

Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-26-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: Finely divided metals generated from shot blasting of metal drums are being recycled as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-09-2016
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 09/08/2016. OBSERVATION: Sludge (resin waste) from treatment tank and stripper; wastewater from collection sump (2,000-gal below-grade sump); shot blast dust; and wastewater from hard-flush collection sumps did not have any recent analysis or hazardous waste determination. Any person who generates a waste shall determine if the waste is a hazardous waste and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal. CORRECTIVE ACTION: Immediately make a hazardous waste determination for pH, %-weight of base in the wastewater, and Title 22 heavy metals using TTLC/STLC as applicable and manage it according the Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-09-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 11/17/2016. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA. CORRECTIVE ACTION: Complete the emergency

DITTY CONTAINER INC (Continued) **U002279495**

response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS).

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 01/17/2020. OBSERVATION: Owner/Operator failed to separate incompatible hazardous materials in storage pursuant to UFC 5003.9.8. CORRECTIVE ACTION: Incompatible materials in storage and storage of materials that are incompatible with materials in use shall be separated where the stored materials are in containers having a capacity of more than 5 pounds (2 kg) or 0.5 gallon (2 L). Separation shall be accomplished by one or more of the following methods: 1. Segregating incompatible materials in storage by a distance of not less than 20 feet (6096 mm). 2. Isolating incompatible materials in storage by a non-combustible partition extending not less than 18 inches (457 mm) above and to the sides of the stored material. 3. Storing liquid and solid materials in hazardous material storage cabinets. 4. Storing compressed gases in gas cabinets or exhausted enclosures in accordance with Sections 5003.8.5 and 5003.8.6. Materials that are incompatible shall not be stored within the same [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to prepare and implement SPCC. CORRECTIVE ACTION: Prepare and implement SPCC.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including

DITTY CONTAINER INC (Continued) **U002279495**

	the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes:	Returned to compliance on 11/17/2016. wwater collection sump 2,000-gal OBSERVATION: Owner/Operator does not have a tank assessment for the 2,000-gal alkaline wastewater collection sump (continuously-fed below-grade tank). The owner or operator of a hazardous waste tank shall obtain a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the 2,000-gal alkaline wastewater sump (tank). Submit a schedule showing when this will be accomplished to the CUPA 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-26-2019
Citation:	22 CCR 45 67450.3(c)(8)(A)(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)(A)(c)(9)(A)
Violation Description:	Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years.
Violation Notes:	Returned to compliance on 01/17/2020. OBSERVATION: Owner/Operator failed to complete a waste analysis plan or has an incomplete waste analysis plan, or failed to implement the waste analysis plan and properly maintain records to document implementation of the waste analysis plan. CORRECTIVE ACTION: Complete or revise waste analysis plan to comply with the requirements of CCR 66265.13, and/or implement waste analysis plan and properly maintain records to document that you are implementing the waste analysis plan. Submit copy of plan and records demonstrating implementation.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS

Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-09-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/17/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by April 1, 2016. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.

DITTY CONTAINER INC (Continued) **U002279495**

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: Returned to compliance on 01/17/2020. OBSERVATION: The owner or operator failed to permanently mark the exterior of the treatment unit. The owner or operator of a treatment unit deemed to hold a permit by rule shall permanently mark the exterior of each treatment unit with the name of the person which owns or operates the treatment unit, facility identification number and an individual serial number. CORRECTIVE ACTIONS: Ensure that the HW treatment unit meets all of the requirements listed. Provide supporting documentation that demonstrates compliance with the requirements to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review and submit verification of proper completion.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description: Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: The contingency plan was not submitted to the CUPA. CORRECTIVE ACTION: Immediately submit a copy of the plan to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

DITTY CONTAINER INC (Continued) **U002279495**

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide bulk storage containers with adequate secondary containment large enough to contain the entire capacity of the largest container plus additional capacity to contain precipitation when applicable, and/or failure to position/locate mobile or portable containers to prevent a discharge.
Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: Bulk storage containers do not have adequate secondary containment. Tote bins were found in the oil-water separation area and behind the storage cage without secondary containment. CORRECTIVE ACTION: Provide secondary containment for each bulk storage container or relocate them within containment berms. Submit photos within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21
Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: The Generator failed to adequately complete a source reduction report with all the required information or failed to maintain the report for review. Elements of the 2015 Source Reduction Report are being prepared but not yet completed. CORRECTIVE ACTION: The Generator shall immediatly complete a source reduction report with all the required infromation and maintain for review.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Tank Assessment, SB-14, and Contingency Pan submitted and reviewed; waste determination conducted, results pending. Followup in one week.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-01-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HW determination conducted on 9/8/16; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW

DITTY CONTAINER INC (Continued) **U002279495**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager and Adam Pluskota, Office Manager Facility subject to HW analysis of alkaline wastewater from collection sump to determine Tiered Permit category (CA or PBR)
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

DITTY CONTAINER INC (Continued) **U002279495**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittals (HMBP/ER Plans) reviewed and accepted. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SPCC dated Sept 2016 reviewed, including section discussing 5-yr review/technical amendments; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Coordinates:
Site ID: 111789
Facility Name: DITTY CONTAINER INC
Env Int Type Code: HMBP
Program ID: 10288930
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.054360
Longitude: -118.063140

Affiliation:
Affiliation Type Desc: Company Official
Entity Name: Tim Ditty
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported

DITTY CONTAINER INC (Continued) **U002279495**

Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Legal Owner
Entity Name: TIMOTHY DITTY
Entity Title: Not reported
Affiliation Address: 2226 N. ROSEMEAD BLVD.
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 454-1182

Affiliation Type Desc: Parent Corporation
Entity Name: DITTY CONTAINER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Pacific Coast Drum
Entity Title: Not reported
Affiliation Address: P.O. Box 3593
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 443-3096

Affiliation Type Desc: Public Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Affiliation Type Desc: Technical Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported

DITTY CONTAINER INC (Continued) **U002279495**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Affiliation Type Desc: Environmental Contact
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BL
Affiliation City: SOUTHELMONTE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: DITTY CONTAINER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 454-1182

Affiliation Type Desc: Document Preparer
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BL
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer

DITTY CONTAINER INC (Continued) **U002279495**

Entity Name: JUAN ROJO
Entity Title: PRODUCTION MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Timothy Ditty
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 111789
CERS ID: 110002424190
CERS Description: US EPA Air Emission Inventory System (EIS)

Violations:

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A)
Violation Description: Failure to prepare a treatment system inspection program and the log of inspections conducted, and maintain onsite for three years.
Violation Notes: Returned to compliance on 01/17/2020. OBSERVATION: Generator failed to provide a treatment system inspection program and a log of inspections. CORRECTIVE ACTIONS: Complete and provide to CUPA a treatment system inspection program and a log of inspections conducted. Keep records for three years.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: Finely divided metals generated from shot blasting of metal drums are being recycled as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts

DITTY CONTAINER INC (Continued) **U002279495**

	documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-09-2016
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 09/08/2016. OBSERVATION: Sludge (resin waste) from treatment tank and stripper; wastewater from collection sump (2,000-gal below-grade sump); shot blast dust; and wastewater from hard-flush collection sumps did not have any recent analysis or hazardous waste determination. Any person who generates a waste shall determine if the waste is a hazardous waste and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal. CORRECTIVE ACTION: Immediately make a hazardous waste determination for pH, %-weight of base in the wastewater, and Title 22 heavy metals using TTLC/STLC as applicable and manage it according the Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-09-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 11/17/2016. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-26-2019
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 01/17/2020. OBSERVATION: Owner/Operator

DITTY CONTAINER INC (Continued) **U002279495**

failed to separate incompatible hazardous materials in storage pursuant to UFC 5003.9.8. CORRECTIVE ACTION: Incompatible materials in storage and storage of materials that are incompatible with materials in use shall be separated where the stored materials are in containers having a capacity of more than 5 pounds (2 kg) or 0.5 gallon (2 L). Separation shall be accomplished by one or more of the following methods: 1. Segregating incompatible materials in storage by a distance of not less than 20 feet (6096 mm). 2. Isolating incompatible materials in storage by a non-combustible partition extending not less than 18 inches (457 mm) above and to the sides of the stored material. 3. Storing liquid and solid materials in hazardous material storage cabinets. 4. Storing compressed gases in gas cabinets or exhausted enclosures in accordance with Sections 5003.8.5 and 5003.8.6. Materials that are incompatible shall not be stored within the same [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to prepare and implement SPCC. CORRECTIVE ACTION: Prepare and implement SPCC.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: Returned to compliance on 11/17/2016. wwater collection sump 2,000-gal OBSERVATION: Owner/Operator does not have a tank assessment for the 2,000-gal alkaline wastewater collection sump (continuously-fed below-grade tank). The owner or operator of a hazardous waste tank shall obtain a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the 2,000-gal alkaline wastewater sump (tank). Submit a schedule showing when this will be accomplished to the CUPA 30 days

DITTY CONTAINER INC (Continued) **U002279495**

	from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-26-2019
Citation:	22 CCR 45 67450.3(c)(8)(A)(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)(A)(c)(9)(A)
Violation Description:	Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years.
Violation Notes:	Returned to compliance on 01/17/2020. OBSERVATION: Owner/Operator failed to complete a waste analysis plan or has an incomplete waste analysis plan, or failed to implement the waste analysis plan and properly maintain records to document implementation of the waste analysis plan. CORRECTIVE ACTION: Complete or revise waste analysis plan to comply with the requirements of CCR 66265.13, and/or implement waste analysis plan and properly maintain records to document that you are implementing the waste analysis plan. Submit copy of plan and records demonstrating implementation.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS
Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-09-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/17/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by April 1, 2016. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	111789
Site Name:	DITTY CONTAINER INC
Violation Date:	08-26-2019
Citation:	22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description:	Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes:	Returned to compliance on 01/17/2020. OBSERVATION: The owner or operator failed to permanently mark the exterior of the treatment

DITTY CONTAINER INC (Continued) **U002279495**

unit. The owner or operator of a treatment unit deemed to hold a permit by rule shall permanently mark the exterior of each treatment unit with the name of the person which owns or operates the treatment unit, facility identification number and an individual serial number. CORRECTIVE ACTIONS: Ensure that the HW treatment unit meets all of the requirements listed. Provide supporting documentation that demonstrates compliance with the requirements to the CUPA.

Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review and submit verification of proper completion.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description: Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: The contingency plan was not submitted to the CUPA. CORRECTIVE ACTION: Immediately submit a copy of the plan to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide bulk storage containers with adequate secondary containment large enough to contain the entire capacity of the largest container plus additional capacity to contain precipitation when applicable, and/or failure to position/locate mobile or portable containers to prevent a discharge.
Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: Bulk storage containers do not have adequate secondary containment. Tote bins were found in the oil-water separation area and behind the storage cage

DITTY CONTAINER INC (Continued) **U002279495**

without secondary containment. CORRECTIVE ACTION: Provide secondary containment for each bulk storage container or relocate them within containment berms. Submit photos within 30 days.

Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21
Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: The Generator failed to adequately complete a source reduction report with all the required information or failed to maintain the report for review. Elements of the 2015 Source Reduction Report are being prepared but not yet completed. CORRECTIVE ACTION: The Generator shall immediatly complete a source reduction report with all the required infromation and maintain for review.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Tank Assessment, SB-14, and Contingency Pan submitted and reviewed; waste determination conducted, results pending. Followup in one week.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-01-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HW determination conducted on 9/8/16; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016

DITTY CONTAINER INC (Continued) **U002279495**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager and Adam Pluskota, Office Manager Facility subject to HW analysis of alkaline wastewater from collection sump to determine Tiered Permit category (CA or PBR)
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No

DITTY CONTAINER INC (Continued) **U002279495**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS submittals (HMBP/ER Plans) reviewed and accepted. NOV abated.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-17-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SPCC dated Sept 2016 reviewed, including section discussing 5-yr review/technical amendments; NOV abated.
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS

Coordinates:

Site ID:	111789
Facility Name:	DITTY CONTAINER INC
Env Int Type Code:	HMBP
Program ID:	10288930
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.054360
Longitude:	-118.063140

Affiliation:

Affiliation Type Desc:	Company Official
Entity Name:	Tim Ditty
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	917331520
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Legal Owner
Entity Name:	TIMOTHY DITTY
Entity Title:	Not reported
Affiliation Address:	2226 N. ROSEMEAD BLVD.
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 454-1182

DITTY CONTAINER INC (Continued) **U002279495**

Affiliation Type Desc: Parent Corporation
Entity Name: DITTY CONTAINER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Pacific Coast Drum
Entity Title: Not reported
Affiliation Address: P.O. Box 3593
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 443-3096

Affiliation Type Desc: Public Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Affiliation Type Desc: Technical Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Affiliation Type Desc: Environmental Contact
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BL
Affiliation City: SOUTHELMONTE
Affiliation State: Not reported
Affiliation Country: Not reported

DITTY CONTAINER INC (Continued) **U002279495**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: DITTY CONTAINER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 454-1182

Affiliation Type Desc: Document Preparer
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BL
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: JUAN ROJO
Entity Title: PRODUCTION MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Timothy Ditty
Entity Title: President
Affiliation Address: Not reported

DITTY CONTAINER INC (Continued) **U002279495**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Z212
ESE
1/8-1/4
0.224 mi.
1181 ft.

JACK BAKER
9726 E KLINGERMAN ST
SOUTH EL MONTE, CA

SWEEPS UST **S105034954**
N/A

Site 7 of 8 in cluster Z

Relative:
Higher

Actual:
247 ft.

SWEEPS UST:

Name:	JACK BAKER
Address:	9726 E KLINGERMAN ST
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	9134
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

AA213
WNW
1/8-1/4
0.224 mi.
1185 ft.

W.H. ALIGOOD COMPANY
2645 LEE AVE
SOUTH EL MONTE, CA 91733

WIP **S106765348**
N/A

Site 6 of 14 in cluster AA

Relative:
Lower

Actual:
240 ft.

WIP:

Name:	W.H. ALIGOOD COMPANY
Address:	2645 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0535
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	5

AA214
WNW
1/8-1/4
0.224 mi.
1185 ft.

CROWN EQUIPMENT AND SUPPLY
2645 LEE AVE
SOUTH EL MONTE, CA 91733

WIP **S106765507** **N/A**

Site 7 of 14 in cluster AA

Relative: **Lower**
Actual: **240 ft.**

WIP:

Name:	CROWN EQUIPMENT AND SUPPLY
Address:	2645 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0781
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

Z215
ESE
1/8-1/4
0.226 mi.
1191 ft.

BAKER SALES - WHOLESALE DIST.
9726 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

HIST UST **WIP** **U001569437** **N/A**

Site 8 of 8 in cluster Z

Relative: **Higher**
Actual: **247 ft.**

HIST UST:

Name:	BAKER SALES
Address:	9726 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	000270C4
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000270C4.pdf
Region:	STATE
Facility ID:	00000041180
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	JACK BAKER
Telephone:	8184444100
Owner Name:	JACK W. BAKER
Owner Address:	1131 ENCANTO DR
Owner City,St,Zip:	ARCADIA, CA 91006
Total Tanks:	0001

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

WIP:

Name:	BAKER SALES - WHOLESALE DIST.
Address:	9726 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0619
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

AD216 **L G M** **SWEEPS UST** **S102058576**
SSE **2211 CHICO AVE** **LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **CERS**
0.226 mi.
1193 ft. **Site 6 of 13 in cluster AD**

Relative: **Lower**
Actual: **239 ft.**

SWEEPS UST:

Name:	L G M
Address:	2211 N CHICO AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	14001
Number:	9
Board Of Equalization:	44-010321
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-014001-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

LOS ANGELES CO. HMS:

Name:	L G M
Address:	2211 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	T
Facility Id:	013605-014001
Facility Type:	0
Facility Status:	Removed
Area:	3U
Permit Number:	00005451T
Permit Status:	Removed

CERS:

Name:	H Y SEAFOOD INC
Address:	2211 1/2 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	121335
CERS ID:	10282915
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	121335
Site Name:	H Y SEAFOOD INC
Violation Date:	09-18-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 09/18/2020. OBSERVATION: The business failed to electronically submit and certify that the business plan is

L G M (Continued) **S102058576**

complete, accurate, and in compliance with EPCRA on or before the annual due date. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA within 30 days. On an ongoing basis, electronically submit and certify the business plan annually on or before the annual due date. (Corrected during inspection.)

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 121335
Site Name: H Y SEAFOOD INC
Violation Date: 05-28-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Not reported
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 121335
Site Name: H Y SEAFOOD INC
Violation Date: 08-11-2017
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 01/22/2018. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Reportable Haz Mat: propane - 4 x 356 cubic feet, total 1,424 cubic feet
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 121335
Site Name: H Y SEAFOOD INC
Violation Date: 05-28-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: OBSERVATION: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.

L G M (Continued) **S102058576**

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 01-22-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; HMBP completed and accepted on 12/22/17; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: cers submittal required update CERS
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Vicky Liang, Officer
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Vicky Liang, owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; HMBP submitted; Owner/Operator missing email; Site Map missing business name and address; called Vicky Liang to correct; followup required.

L G M (Continued) **S102058576**

Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Legal Owner
Entity Name: H Y Seafood Inc
Entity Title: Not reported
Affiliation Address: 2211 1/2 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 575-1801

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2211-1/2 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Parent Corporation
Entity Name: H Y Seafood Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: VICKY LIANG
Entity Title: Not reported
Affiliation Address: 2211 1/2 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: VICKY LIANG

L G M (Continued) **S102058576**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 575-1801

AD217 **L.G.M. COMPANY** **HIST UST** **U001569473**
SSE **2211 CHICO AVE** **WIP** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.226 mi.
1193 ft. **Site 7 of 13 in cluster AD**

Relative:
Lower

Actual:
239 ft.

HIST UST:

Name:	LGM COMPANY
Address:	2211 CHICO
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	0002886F
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002886F.pdf
Region:	STATE
Facility ID:	00000007768
Facility Type:	Other
Other Type:	FERT. CO.
Contact Name:	Not reported
Telephone:	8184488042
Owner Name:	WILLIS F. LAUGHMAN
Owner Address:	2031 E. LARKWOOD
Owner City,St,Zip:	WEST COVINA, CA 91791
Total Tanks:	0001
Tank Num:	001
Container Num:	#1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

WIP:

Name:	L.G.M. COMPANY
Address:	2211 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0206
File Status:	**Historical**
Staff:	MM
Facility Suite:	Not reported

AG218 **MANUFACTURERS SERVICE INC** **RCRA-SQG** **1000424735**
SE **2210 CHICO AVE** **CPS-SLIC** **CAD981684392**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **ENF**
0.227 mi. **WIP**
1201 ft. **Site 1 of 5 in cluster AG**

Relative: Higher
Actual: 241 ft.

RCRA-SQG:

Date Form Received by Agency:	1986-10-14 00:00:00.0
Handler Name:	MANUFACTURERS SERVICE INC
Handler Address:	2210 CHICO AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD981684392
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2210 CHICO AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91233
Contact Telephone:	818-442-0012
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	9715 KLINGERMAN ST
Mailing City,State,Zip:	S EL MONTE, CA 91733
Owner Name:	MANUFACTURERS SERVICE
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:30:39.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MANUFACTURERS SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Historic Generators:

Receive Date: 1986-10-14 00:00:00.0
Handler Name: MANUFACTURERS SERVICE INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-04 00:00:00.0
Handler Name: MANUFACTURER'S SERVICE INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 42183
NAICS Description: INDUSTRIAL MACHINERY AND EQUIPMENT WHOLESALERS

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-01-25 00:00:00.0
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-01-25 00:00:00.0
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-01-25 00:00:00.0
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2016-01-25 00:00:00.0
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-01-25 00:00:00.0
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-01-25 00:00:00.0
Actual Return to Compliance Date: 2017-04-10 00:00:00.0

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-01-25 00:00:00.0
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 2016-01-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-01-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-12-14 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-01-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-04-10 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-01-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-04-10 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-12-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-01-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-04-10 00:00:00.0
Scheduled Compliance Date:	Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-01-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2017-04-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-01-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2017-04-10 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2008-09-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CPS-SLIC:

Name:	MANUFACTURER'S SERVICE INC.
Address:	2210 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/29/2014
Global Id:	SL603798748
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.054708
Longitude:	-118.059045
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.0451
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	MANUFACTURER'S SERVICE INC.
Address:	2210 CHICO
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	239391
Agency Name:	Manufacturer's Service Inc.
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.05433
Place Longitude:	-118.060033
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070451
Reg Measure Id:	152377
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	247859
Region:	4
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	05/14/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/14/2002
ACL Issuance Date:	Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 4WIP1070451
Description: NOV sent 5/14/02 for failure to implement approved groundwater RAP which was submitted as required by CAO 00-034.
Program: WIP
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0

Name: MANUFACTURER'S SERVICE INC.
Address: 2210 CHICO
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
Facility Id: 239391
Agency Name: Manufacturer's Service Inc.
Place Type: Facility
Place Subtype: Not reported
Facility Type: Not reported
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 34.05433
Place Longitude: -118.060033
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: WIP
Program Category1: MONITORING
Program Category2: MONITORING
Of Programs: 1
WDID: 4WIP1070451

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Reg Measure Id:	152377
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	246489
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	11/12/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/12/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070451
Description:	Second NOV sent 11/12/02 for failure to implement approved groundwater RAP which was submitted as required by CAO 00-034.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	MANUFACTURER’S SERVICE INC.
Address:	2210 CHICO
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	239391

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Agency Name:	Manufacturer's Service Inc.
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.05433
Place Longitude:	-118.060033
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070451
Reg Measure Id:	152377
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	230056
Region:	4
Order / Resolution Number:	R4-2000-0034
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/04/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/04/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CAO No. 00-034 contains a time schedule for cleanup.
Description:	CAO No. 00-034 issued 4/4/00 contains a time schedule for cleanup of groundwater contamination.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	MANUFACTURER’S SERVICE INC.
Address:	2210 CHICO
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	239391
Agency Name:	Manufacturer’s Service Inc.
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.05433
Place Longitude:	-118.060033
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: WIP
Program Category1: MONITORING
Program Category2: MONITORING
Of Programs: 1
WDID: 4WIP1070451
Reg Measure Id: 152377
Reg Measure Type: Unregulated
Region: 4
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 225985
Region: 4
Order / Resolution Number: UNKNOWN
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 12/12/1988
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 12/12/1988
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 4WIP1070451
Description: Not reported
Program: WIP
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability $ Amount: 0

MANUFACTURERS SERVICE INC (Continued) **1000424735**

Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

WIP:

Name:	MANUFACTURER'S SERVICE INC.
Address:	2210 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0451
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

AH219 **VILLA'S RADIATOR** **WIP** **S106766103**
North **2750 N BRUIN AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.228 mi.
1203 ft. **Site 1 of 16 in cluster AH**

Relative: Higher
Actual: 245 ft.

WIP:

Name:	VILLA'S RADIATOR
Address:	2750 N Bruin Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1713
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	1/2

AI220 **FINE VALUE FURNITURE** **WIP** **S106766097**
North **9468 E GARVEY AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.228 mi.
1204 ft. **Site 1 of 2 in cluster AI**

Relative: Higher
Actual: 246 ft.

WIP:

Name:	FINE VALUE FURNITURE
Address:	9468 E Garvey Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1707
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

AC221 **ED'S ENGINE REBUILDING** **WIP** **S106765561**
SW **2414 LEE AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.228 mi.
1206 ft. **Site 2 of 5 in cluster AC**

Relative: Lower
Actual: 236 ft.

WIP:

Name:	ED'S ENGINE REBUILDING
Address:	2414 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0862
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

AJ222 **LAWRENCE EQUIPMENT SALES/SRVE.** **WIP** **S106765737**
WNW **9231 FERN ST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.229 mi.
1210 ft. **Site 1 of 3 in cluster AJ**

Relative: Lower
Actual: 236 ft.

WIP:

Name:	LAWRENCE EQUIPMENT SALES/SRVE.
Address:	9231 Fern St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1131
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

AH223 **WESTERN TRAILER SERVICE** **WIP** **S106766174**
North **2754 BRUIN AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.231 mi.
1219 ft. **Site 2 of 16 in cluster AH**

Relative: Higher
Actual: 245 ft.

WIP:

Name:	WESTERN TRAILER SERVICE
Address:	2754 Bruin Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1963
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

AH224 **KCT AUTO SERVICE** **RCRA NonGen / NLR** **1024843539**
North **2754 BRUIN AVE** **CAL000395042**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.231 mi.
1219 ft. **Site 3 of 16 in cluster AH**

Relative:
Higher

Actual:
245 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2014-03-17 00:00:00.0
Handler Name:	KCT AUTO SERVICE
Handler Address:	2754 BRUIN AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-1513
EPA ID:	CAL000395042
Contact Name:	KEVIN CHEUNG
Contact Address:	2754 BRUIN AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-307-8898
Contact Fax:	Not reported
Contact Email:	KCT2828@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2754 BRUIN AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-1513
Owner Name:	KEVIN CHEUNG
Owner Type:	Other
Operator Name:	KEVIN CHEUNG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

KCT AUTO SERVICE (Continued) **1024843539**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:04:05.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEVIN CHEUNG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2754 BRUIN AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733-1513
Owner/Operator Telephone:	626-307-8898
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEVIN CHEUNG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2754 BRUIN AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-307-8898
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KCT AUTO SERVICE (Continued) **1024843539**

Historic Generators:
Receive Date: 2014-03-17 00:00:00.0
Handler Name: KCT AUTO SERVICE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AH225 **KCT AUTO SERVICE** **CERS HAZ WASTE** **S118235799**
North **2754 BRUIN AVE** **HAZNET** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **CERS**
0.231 mi. **HWTS**
1219 ft. **Site 4 of 16 in cluster AH**

Relative: Higher
Actual: 245 ft.

CERS HAZ WASTE:
Name: KCT AUTO SERVICE
Address: 2754 BRUIN AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 571892
CERS ID: 10863025
CERS Description: Hazardous Waste Generator

HAZNET:
Name: KCT AUTO SERVICE
Address: 2754 BRUIN AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331513
Contact: KEVIN CHEUNG
Telephone: 6263078898
Mailing Name: Not reported
Mailing Address: 2754 BRUIN AVE

Year: 2019
Gepaid: CAL000395042
TSD EPA ID: AZR000520304
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

KCT AUTO SERVICE (Continued) **S118235799**

Tons: 0.05000

Year: 2019
Gepaid: CAL000395042
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2018
Gepaid: CAL000395042
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2017
Gepaid: CAL000395042
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.52

Year: 2017
Gepaid: CAL000395042
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 4.161

Year: 2017
Gepaid: CAL000395042
TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1

Year: 2016
Gepaid: CAL000395042
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.33

Year: 2016
Gepaid: CAL000395042
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 3.876

KCT AUTO SERVICE (Continued) **S118235799**

Year: 2015
Gepaid: CAL000395042
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 8.189

Year: 2015
Gepaid: CAL000395042
TSD EPA ID: CAD099452708
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.504

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2014
Gen EPA ID: CAL000395042

Shipment Date: 20141126
Creation Date: 2/14/2015 22:15:08
Receipt Date: 20141126
Manifest ID: 002575588GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.045
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141020
Creation Date: 1/2/2015 22:15:10
Receipt Date: 20141021
Manifest ID: 002575428GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported

KCT AUTO SERVICE (Continued) **S118235799**

Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.665
Waste Quantity: 175
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140919
Creation Date: 12/18/2014 22:14:48
Receipt Date: 20140919
Manifest ID: 002575290GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.52
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140728
Creation Date: 11/3/2014 22:14:40
Receipt Date: 20140730
Manifest ID: 002186688GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported

KCT AUTO SERVICE (Continued) **S118235799**

Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.76
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140626
Creation Date: 9/14/2014 22:15:04
Receipt Date: 20140627
Manifest ID: 002186553GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.76
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140505
Creation Date: 7/21/2014 22:15:06
Receipt Date: 20140508
Manifest ID: 002186317GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.14
Waste Quantity: 300
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

KCT AUTO SERVICE (Continued) **S118235799**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAL000395042

Shipment Date: 20151125
Creation Date: 3/2/2016 22:15:29
Receipt Date: 20151130
Manifest ID: 002943344GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.045
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150813
Creation Date: 11/6/2015 22:15:24
Receipt Date: 20150817
Manifest ID: 002576741GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.254
Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

KCT AUTO SERVICE (Continued) **S118235799**

Shipment Date:	20150630
Creation Date:	9/25/2015 22:15:23
Receipt Date:	20150630
Manifest ID:	002576537GBF
Trans EPA ID:	CAD982488470
Trans Name:	SWIFT OIL & VACUUM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.52
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150513
Creation Date:	9/8/2015 22:15:08
Receipt Date:	20150514
Manifest ID:	002576312GBF
Trans EPA ID:	CAD982488470
Trans Name:	SWIFT OIL & VACUUM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.33
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150323
Creation Date:	6/25/2015 22:15:58
Receipt Date:	20150325
Manifest ID:	002576052GBF
Trans EPA ID:	CAD982488470
Trans Name:	SWIFT OIL & VACUUM INC
Trans 2 EPA ID:	Not reported

KCT AUTO SERVICE (Continued) **S118235799**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.52
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150211
Creation Date:	5/18/2015 22:15:07
Receipt Date:	20150211
Manifest ID:	002575885GBF
Trans EPA ID:	CAD982488470
Trans Name:	SWIFT OIL & VACUUM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.504
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150128
Creation Date:	5/8/2015 22:15:13
Receipt Date:	20150128
Manifest ID:	002575827GBF
Trans EPA ID:	CAD982488470
Trans Name:	SWIFT OIL & VACUUM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

KCT AUTO SERVICE (Continued) **S118235799**

Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.52
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAL000395042

Shipment Date: 20151125
Creation Date: 3/2/2016 22:15:29
Receipt Date: 20151130
Manifest ID: 002943344GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.045
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150813
Creation Date: 11/6/2015 22:15:24
Receipt Date: 20150817
Manifest ID: 002576741GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.254

KCT AUTO SERVICE (Continued) **S118235799**

Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150630
Creation Date: 9/25/2015 22:15:23
Receipt Date: 20150630
Manifest ID: 002576537GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.52
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150513
Creation Date: 9/8/2015 22:15:08
Receipt Date: 20150514
Manifest ID: 002576312GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.33
Waste Quantity: 350
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

KCT AUTO SERVICE (Continued) **S118235799**

Shipment Date:	20150323
Creation Date:	6/25/2015 22:15:58
Receipt Date:	20150325
Manifest ID:	002576052GBF
Trans EPA ID:	CAD982488470
Trans Name:	SWIFT OIL & VACUUM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.52
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150211
Creation Date:	5/18/2015 22:15:07
Receipt Date:	20150211
Manifest ID:	002575885GBF
Trans EPA ID:	CAD982488470
Trans Name:	SWIFT OIL & VACUUM INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.504
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150128
Creation Date:	5/8/2015 22:15:13
Receipt Date:	20150128
Manifest ID:	002575827GBF
Trans EPA ID:	CAD982488470
Trans Name:	SWIFT OIL & VACUUM INC
Trans 2 EPA ID:	Not reported

KCT AUTO SERVICE (Continued) **S118235799**

Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL CO INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.52
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAL000395042

Shipment Date: 20171006
Creation Date: 7/17/2018 18:30:28
Receipt Date: 20171016
Manifest ID: 003417577GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID: AZR000501510
Trans Name: AA SYDCOL LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170926
Creation Date: 5/30/2018 18:32:48
Receipt Date: 20170927
Manifest ID: 003417523GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON

KCT AUTO SERVICE (Continued) **S118235799**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.254
Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170731
Creation Date: 5/20/2018 18:31:51
Receipt Date: 20170731
Manifest ID: 003417300GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.703
Waste Quantity: 185
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170605
Creation Date: 6/13/2018 18:31:03
Receipt Date: 20170605
Manifest ID: 003417085GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.14

KCT AUTO SERVICE (Continued) **S118235799**

Waste Quantity: 300
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170420
Creation Date: 5/9/2018 18:32:51
Receipt Date: 20170421
Manifest ID: 003418091GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.064
Waste Quantity: 280
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170220
Creation Date: 5/18/2017 18:32:12
Receipt Date: 20170220
Manifest ID: 003145381GBF
Trans EPA ID: CAD982488470
Trans Name: SWIFT OIL & VACUUM, INC.
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: INDUSTRIAL SERVICE OIL COMPANY, INC.
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.52
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

KCT AUTO SERVICE (Continued) **S118235799**

CERS:

Name:	KCT AUTO SERVICE
Address:	2754 BRUIN AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	571892
CERS ID:	10863025
CERS Description:	Chemical Storage Facilities

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2754 Bruin Ave
Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000

Affiliation Type Desc:	Environmental Contact
Entity Name:	KEVIN CHEUNG
Entity Title:	Not reported
Affiliation Address:	2754 Bruin Ave
Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	KEVIN CHEUNG
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Kevin Cheung
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

KCT AUTO SERVICE (Continued) **S118235799**

Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: KEVIN CHEUNG
Entity Title: Not reported
Affiliation Address: 2754 Bruin Ave
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 283-3583

Affiliation Type Desc: Operator
Entity Name: KEVIN CHEUNG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 307-8898

Affiliation Type Desc: Parent Corporation
Entity Name: KCT Auto Service
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: KCT AUTO SERVICE
Address: 2754 BRUIN AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331513
EPA ID: CAL000395042
Inactive Date: Not reported
Create Date: 03/17/2014
Last Act Date: 07/14/2020
Mailing Name: Not reported
Mailing Address: 2754 BRUIN AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917331513
Owner Name: KEVIN CHEUNG
Owner Address: 2754 BRUIN AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917331513
Contact Name: KEVIN CHEUNG
Contact Address: 2754 BRUIN AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733

NAICS:
EPA ID: CAL000395042

KCT AUTO SERVICE (Continued) **S118235799**

Create Date:	2014-03-17 08:35:08.833
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2014-03-17 08:35:08.79700
Inactive Date:	Not reported
Facility Name:	KCT AUTO SERVICE
Facility Address:	2754 BRUIN AVE
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917331513

AJ226 **TOPAZ PRECISION, INC.** **WIP** **S106766038**
WNW **9229 FERN ST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.232 mi.
1223 ft. **Site 2 of 3 in cluster AJ**

Relative: Lower
Actual: 236 ft.

WIP:

Name:	TOPAZ PRECISION, INC.
Address:	9229 Fern St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1613
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

AA227 **BEN'S AUTO BODY CTR** **CERS HAZ WASTE** **S113146512**
NW **2700 LEE AVE** **HAZNET** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **CERS**
0.233 mi. **HWTS**
1230 ft. **Site 8 of 14 in cluster AA**

Relative: Higher
Actual: 242 ft.

CERS HAZ WASTE:

Name:	SUPER AUTO COLLISION CENTER
Address:	2700 LEE AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	516503
CERS ID:	10781539
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	SUPER AUTO COLLISION CENTER
Address:	2700 LEE AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact:	RICHARD GUAN
Telephone:	6264485555
Mailing Name:	Not reported
Mailing Address:	2700 LEE AVE
Year:	2019
Gepaid:	CAL000442949

BEN'S AUTO BODY CTR (Continued) **S113146512**

TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.02880

Year: 2019
Gepaid: CAL000442949
TSD EPA ID: AZR000520478
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05421

Year: 2019
Gepaid: CAL000442949
TSD EPA ID: AZR000520478
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00000

Year: 2007
Gepaid: CAL000316932
TSD EPA ID: CAD008252405
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05

Year: 2007
Gepaid: CAL000316932
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.054

Additional Info:
Year: 2007
Gen EPA ID: CAL000316932

Shipment Date: 20071101
Creation Date: 4/16/2008 18:30:18
Receipt Date: 20071101
Manifest ID: 003324694JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

BEN'S AUTO BODY CTR (Continued) **S113146512**

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070330
Creation Date: 12/20/2007 18:30:07
Receipt Date: 20070330
Manifest ID: 001648066JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.054
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: SUPER AUTO COLLISION CENTER
Address: 2700 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 516503
CERS ID: 10781539
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 516503
Site Name: SUPER AUTO COLLISION CENTER
Violation Date: 09-26-2016
Citation: 22 CCR 23 66273.40(a)(3) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.40(a)(3)
Violation Description: Failure of the universal waste handler who sends electronic devices, CRTs, and/or CRT glass to any foreign destination to complete the following: (1) Notify the Department 60 days prior to the intended export before any electronic devices, CRTs, and/or CRT glass are scheduled to leave the United States and cover all export activities extending over the next twelve (12) month or lesser period; (2) Concurrently send a copy of the notification required pursuant to subsection of this section, to the CUPA having jurisdiction over the universal waste handlerG s facility.
Violation Notes: Returned to compliance on 01/24/2017. OBSERVATION: Copies of hazardous

BEN’S AUTO BODY CTR (Continued) **S113146512**

waste disposal records for [whichever year(s)] were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. None available for review at time of inspection. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA within 30 days from now.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 516503
Site Name: SUPER AUTO COLLISION CENTER
Violation Date: 11-08-2018
Citation: Un-Specified
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance
Violation Notes: Returned to compliance on 12/20/2018. OBSERVATION: Owner/Operator failed to obtain or maintain an active permit. CORRECTIVE ACTION: Every business or business concern within the jurisdiction of the LACoCUPA and subject to one or more of the program elements shall be required to apply for, pay the permit fees, and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. The permit required under this section shall be posted and conspicuously displayed at the location falling under the requirements of this chapter. Go to http://cers.calepa.ca.gov
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 516503
Site Name: SUPER AUTO COLLISION CENTER
Violation Date: 09-26-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 01/24/2017. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 516503
Site Name: SUPER AUTO COLLISION CENTER
Violation Date: 11-09-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

BEN'S AUTO BODY CTR (Continued) **S113146512**

Violation Notes: Returned to compliance on 03/15/2019. OBSERVATION: The business failed to complete and electronically submit a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Complete and electronically submit a business plan in CERS.. Complete the business activities, ownership information, chemical inventory, site map, emergency response plan and training plan. Go to https://cers.cal.epa.ca.gov
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 516503
Site Name: SUPER AUTO COLLISION CENTER
Violation Date: 11-08-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 12/20/2018. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 516503
Site Name: SUPER AUTO COLLISION CENTER
Violation Date: 01-08-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/09/2021. OBSERVATION: The business failed to electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 516503
Site Name: SUPER AUTO COLLISION CENTER
Violation Date: 01-08-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

BEN'S AUTO BODY CTR (Continued) **S113146512**

Violation Notes: Returned to compliance on 02/08/2021. OBSERVATION: Uniform Hazardous Waste Manifests for waste paint material were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for waste paint material and submit copies to the CUPA inspector.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Po Chou, manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-30-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-20-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-06-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-15-2019
Violations Found: No

BEN'S AUTO BODY CTR (Continued) **S113146512**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-16-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-26-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Linda Liu
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-06-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-08-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	RICHARD GUAN
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-08-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	RICHARD GUAN
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-20-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department

BEN'S AUTO BODY CTR (Continued) **S113146512**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-20-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Richard Guan
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: RICHARD GUAN
Entity Title: Not reported
Affiliation Address: 2700 Lee Ave
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2700 Lee Ave
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Richard Guan
Entity Title: Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: RICHARD GUAN
Entity Title: Not reported
Affiliation Address: Not reported

BEN'S AUTO BODY CTR (Continued) **S113146512**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 448-5555

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Legal Owner
Entity Name: SUPER AUTO COLLISION CENTER
Entity Title: Not reported
Affiliation Address: 2700 Lee Ave
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 448-5555

Affiliation Type Desc: Parent Corporation
Entity Name: SUPER AUTO COLLISION CENTER
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: SUPER AUTO COLLISION CENTER
Address: 2700 LEE AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAL000442949
Inactive Date: Not reported
Create Date: 02/01/2019
Last Act Date: 07/20/2020
Mailing Name: Not reported
Mailing Address: 2700 LEE AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733
Owner Name: RICHARD GUAN
Owner Address: 2700 LEE AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Name: RICHARD GUAN
Contact Address: 2700 LEE AVE
Contact Address 2: Not reported

BEN'S AUTO BODY CTR (Continued) **S113146512**

City,State,Zip: SOUTH EL MONTE, CA 91733

NAICS:

EPA ID: CAL000442949
Create Date: 2019-02-01 11:20:48.150
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 2019-02-01 11:20:48.15000
Inactive Date: Not reported
Facility Name: SUPER AUTO COLLISION CENTER
Facility Address: 2700 LEE AVE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: Not reported
Facility State: CA
Facility Zip: 91733

Name: BEN'S AUTO BODY CTR
Address: 2700 LEE AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAL000316932
Inactive Date: 06/30/2010
Create Date: 02/27/2007
Last Act Date: 03/15/2012
Mailing Name: Not reported
Mailing Address: 2700 LEE AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: S EL MONTE, CA 917330000
Owner Name: BEN HUANG
Owner Address: 2520 S BALDWIN AVE
Owner Address 2: Not reported
Owner City,State,Zip: ARCADIA, CA 910078322
Contact Name: BEN HUANG
Contact Address: 2700 LEE AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000

NAICS:

EPA ID: CAL000316932
Create Date: 2007-02-27 14:18:24.567
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 2007-02-27 14:18:24.53300
Inactive Date: 2010-06-30 00:00:00
Facility Name: BEN'S AUTO BODY CTR
Facility Address: 2700 LEE AVE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: Not reported
Facility State: CA
Facility Zip: 91733

AA228 **WANG CAI AUTO CENTER INC** **RCRA NonGen / NLR** **1024841844**
NW **2700 LEE AVE** **CAL000391851**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.233 mi.
1230 ft. **Site 9 of 14 in cluster AA**

Relative:
Higher
Actual:
242 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2013-12-06 00:00:00.0
Handler Name:	WANG CAI AUTO CENTER INC
Handler Address:	2700 LEE AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAL000391851
Contact Name:	LINDA LIU
Contact Address:	2700 LEE AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-575-3088
Contact Fax:	626-575-3988
Contact Email:	WANGCAIAUTOCENTER@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2700 LEE AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner Name:	WANG CAI AUTO CENTER INC.
Owner Type:	Other
Operator Name:	LINDA LIU
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

WANG CAI AUTO CENTER INC (Continued) **1024841844**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:03:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WANG CAI AUTO CENTER INC.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WANG CAI AUTO CENTER INC.
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone:	626-532-5787
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDA LIU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2700 LEE AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-575-3088
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WANG CAI AUTO CENTER INC (Continued) **1024841844**

Historic Generators:
Receive Date: 2013-12-06 00:00:00.0
Handler Name: WANG CAI AUTO CENTER INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AA229 **SUPER AUTO COLLISION CENTER** **RCRA NonGen / NLR** **1024874294**
NW **2700 LEE AVE** **CAL000442949**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.233 mi.
1230 ft. **Site 10 of 14 in cluster AA**

Relative:
Higher
Actual:
242 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2019-02-01 00:00:00.0
Handler Name: SUPER AUTO COLLISION CENTER
Handler Address: 2700 LEE AVE
Handler City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAL000442949
Contact Name: RICHARD GUAN
Contact Address: 2700 LEE AVE
Contact City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Telephone: 626-448-5555
Contact Fax: 626-758-1438
Contact Email: SUPERAUTOCOLLISIONCENTER@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 2700 LEE AVE
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733
Owner Name: RICHARD GUAN

SUPER AUTO COLLISION CENTER (Continued) **1024874294**

Owner Type:	Other
Operator Name:	RICHARD GUAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-22 19:42:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

SUPER AUTO COLLISION CENTER (Continued) **1024874294**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: RICHARD GUAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2700 LEE AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-448-5555
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RICHARD GUAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2700 LEE AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-448-5555
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2019-02-01 00:00:00.0
Handler Name: SUPER AUTO COLLISION CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

AD230	**TIP TOP LABEL CO**	**RCRA-SQG**	**1000134114**
SSE	**2207 1/2 CHICO AVE**	**FINDS**	**CAD981396294**
1/8-1/4	**EL MONTE, CA 91733**	**ECHO**	
0.233 mi.		**HAZNET**	
1230 ft.	**Site 8 of 13 in cluster AD**	**HWTS**	

Relative: **Lower**

Actual: **240 ft.**

RCRA-SQG:

Date Form Received by Agency:	1986-04-14 00:00:00.0
Handler Name:	TIP TOP LABEL CO
Handler Address:	2207 1/2 CHICO AVE
Handler City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAD981396294
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2207 1/2 CHICO AVE
Contact City,State,Zip:	SOUTH PASADENA, CA 91733
Contact Telephone:	818-444-2961
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	2207 1/2 CHICO AVE
Mailing City,State,Zip:	EL MONTE, CA 91733
Owner Name:	VIRGIL & LORAINE JORDON
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TIP TOP LABEL CO (Continued) **1000134114**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:24:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VIRGIL & LORAINE JORDON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TIP TOP LABEL CO (Continued) **1000134114**

Historic Generators:
Receive Date: 1986-04-14 00:00:00.0
Handler Name: TIP TOP LABEL CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110008267295

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000134114
Registry ID: 110008267295
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008267295
Name: TIP TOP LABEL CO
Address: 2207 1/2 CHICO AVE
City,State,Zip: EL MONTE, CA 91733

HAZNET:
Name: TIP TOP LABEL CO
Address: 2207 1/2 CHICO AVE
Address 2: Not reported
City,State,Zip: SO. EL MONTE, CA 917330000
Contact: UNDELIVERABLE 93 FEE FORM
Telephone: --

TIP TOP LABEL CO (Continued) **1000134114**

Mailing Name: Not reported
Mailing Address: 2207 1/2 CHICO AVE

Year: 1995
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

Year: 1995
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2502

Year: 1994
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

Year: 1994
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.3753

Year: 1993
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.5004

Year: 1993
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

Year: 1992
Gepaid: CAD981396294
TSD EPA ID: CAD009452657
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.0834

Year: 1992

TIP TOP LABEL CO (Continued) **1000134114**

Gepaid: CAD981396294
TSD EPA ID: CAD009452657
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 0.1167

Year: 1992
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: 01 -
Tons: 0.3753

Year: 1991
Gepaid: CAD981396294
TSD EPA ID: CAD042245001
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2085

Click this hyperlink while viewing on your computer to access
5 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 1994
Gen EPA ID: CAD981396294

Shipment Date: 19940602
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940603
Manifest ID: 93711158
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940602
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940603

TIP TOP LABEL CO (Continued) **1000134114**

Manifest ID:	93711158
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940408
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940411
Manifest ID:	93012916
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940408
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940411
Manifest ID:	93012916
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported

TIP TOP LABEL CO (Continued) **1000134114**

TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940218
Creation Date: 9/15/1995 0:00:00
Receipt Date: 19940221
Manifest ID: 93006666
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1995
Gen EPA ID: CAD981396294

Shipment Date: 19950613
Creation Date: 4/3/1996 0:00:00
Receipt Date: 19950613
Manifest ID: 95663649
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported

TIP TOP LABEL CO (Continued) **1000134114**

Meth Code: R01 - Recycler
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950613
Creation Date: 4/3/1996 0:00:00
Receipt Date: 19950613
Manifest ID: 95663649
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2502
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1993
Gen EPA ID: CAD981396294

Shipment Date: 19931201
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931202
Manifest ID: 93328189
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.1251
Waste Quantity: 30

TIP TOP LABEL CO (Continued) **1000134114**

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930902
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19930903
Manifest ID: 93073879
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930902
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19930903
Manifest ID: 93073879
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930716

TIP TOP LABEL CO (Continued) **1000134114**

Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930717
Manifest ID:	93244602
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930716
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930717
Manifest ID:	93244602
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930318
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930319
Manifest ID:	92772400
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417

TIP TOP LABEL CO (Continued) **1000134114**

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930318
Creation Date: 9/6/1995 0:00:00
Receipt Date: 19930319
Manifest ID: 92772400
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: TIP TOP LABEL CO
Address: 2207 1/2 CHICO AVE
Address 2: Not reported
City,State,Zip: SO. EL MONTE, CA 917330000
EPA ID: CAD981396294
Inactive Date: 06/30/1993
Create Date: 04/10/1987
Last Act Date: 08/10/2004
Mailing Name: Not reported
Mailing Address: 2207 1/2 CHICO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SO. EL MONTE, CA 917330000
Owner Name: --
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --

TIP TOP LABEL CO (Continued) **1000134114**

Contact Name: UNDELIVERABLE 93 FEE FORM
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 --

AD231 **TIP-TOP LABEL COMPANY** **CERS HAZ WASTE** **S106765287**
SSE **2207 CHICO AVE** **WIP** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **CERS**
0.233 mi.
1230 ft. **Site 9 of 13 in cluster AD**

Relative: Lower

Actual: 240 ft.

CERS HAZ WASTE:
Name: C & H METAL PRODUCTS
Address: 2207 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 100841
CERS ID: 10285435
CERS Description: Hazardous Waste Generator

WIP:
Name: TIP-TOP LABEL COMPANY
Address: 2207 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0447
File Status: Historical
Staff: DKOO
Facility Suite: Not reported

CERS:
Name: C & H METAL PRODUCTS
Address: 2207 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 100841
CERS ID: 10285435
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 100841
Site Name: C & H METAL PRODUCTS
Violation Date: 05-30-2019
Citation: HSC 6.5 25144.6 (b) - California Health and Safety Code, Chapter 6.5, Section(s) 25144.6 (b)
Violation Description: Failure to properly manage reusable soiled textile materials prior to being sent for laundering.
Violation Notes: Returned to compliance on 06/20/2019. OBSERVATION: Reusable soiled textiles being managed on site were observed; however, no record of rags service could be presented at the time of inspection. CORRECTIVE ACTION: Submit documention to the CUPA demonstrating that you are properly managing reusable soiled textiles in accordance with HSC 25144.6(b).
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100841
Site Name: C & H METAL PRODUCTS

TIP-TOP LABEL COMPANY (Continued) **S106765287**

Violation Date:	09-19-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/19/2016. OBSERVATION: Seven drums of waste hydraulic oil did not have proper hazardous waste labeling. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	100841
Site Name:	C & H METAL PRODUCTS
Violation Date:	09-19-2016
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 10/19/2016. OBSERVATION: Seven drums of waste hydraulic oil were found stored >180 days. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	100841
Site Name:	C & H METAL PRODUCTS
Violation Date:	05-28-2014
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	OBSERVATION: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Complete and/or submit a Hazardous Materials

TIP-TOP LABEL COMPANY (Continued) **S106765287**

	Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Permit Delinquent...Not found in data dictionary????
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	100841
Site Name:	C & H METAL PRODUCTS
Violation Date:	09-19-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 10/19/2016. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100841
Site Name:	C & H METAL PRODUCTS
Violation Date:	09-19-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/27/2018. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Hazardous Materials Above Threshold: propane - 100-gal dewar + 10-gal cylinder (3564 cubic feet + 356 cubic feet) oxygen - 1 x281-cubic foot cylinder argon-carbon dioxide - 3 x 330-cubic foot cylinders liquid nitrogen - 2 x 61-gal dewar liquid oxygen - 61-gal dewar waste hydraulic oil - 7 x 55-gal drums
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	100841
Site Name:	C & H METAL PRODUCTS
Violation Date:	09-19-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 10/19/2016. OBSERVATION: One empty drum of hypochlorite (corrosive) was found without proper "EMPTY" labeling.

TIP-TOP LABEL COMPANY (Continued) **S106765287**

	CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100841
Site Name:	C & H METAL PRODUCTS
Violation Date:	05-30-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 07/31/2019. OBSERVATION: Finely divided metal dust generated from laser fume filtration are being rinsed out of reusable filters in the sink into local sewer. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal dust has been properly characterized to determine if it is a hazardous waste due to Title 22 metal concentrations via TTLC method, and if necessary STLC. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100841
Site Name:	C & H METAL PRODUCTS
Violation Date:	09-19-2016
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 10/20/2016. OBSERVATION: One 55-gal drum (white drum) with unknown waste liquid was found next to the air compressor area. Any person who generates a waste shall determine if the waste is a hazardous waste. CORRECTIVE ACTION: Immediately make a hazardous waste determination and manage it according the Title 22 hazardous waste regulations, if hazardous. Submit a statement and supporting documentation explaining how this waste was managed 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	11-21-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS reviewed; approved Facility and Plans; Inventory not complete; emailed Mr. Fontes to update CERS, followup required.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP

TIP-TOP LABEL COMPANY (Continued) **S106765287**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-21-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Met with Bob Fontes and he stated that the unlabeled drum was determined to also contain used oil and picked up with other drums. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-06-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 1st revisit; met with Mr. Bob Fontes; HMPB 2017 not complete; advised to complete 2018 HMBP; informed Mr. Fontes of potential RV fee; he agreed to complete HMBP within two weeks; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: No CERS. Delinquent permit
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-30-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Robert Fontes, Financial Officer
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-30-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Fontes, Financial Officer
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Revisit with Mr. Fontes, helped complete HM inventory in CERS; HMBP complete; NOV abated.

TIP-TOP LABEL COMPANY (Continued) **S106765287**

Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Bob Fontes, Financial Officer
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Bob Fontes, Financial Officer
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Waste manifest received for used oil and empty drum; waiting for confirmation that one unlabeled drum also contained used oil; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Environmental Contact
Entity Name: Robert Fontes
Entity Title: Not reported
Affiliation Address: 2207 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: C & H Metal Products LLC
Entity Title: Not reported

TIP-TOP LABEL COMPANY (Continued) **S106765287**

Affiliation Address: 2207 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 442-4961

Affiliation Type Desc: Parent Corporation
Entity Name: C & H METAL PRODUCTS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Edward M. Cosio
Entity Title: Not reported
Affiliation Address: 1635 W. Chetney Dr.
Affiliation City: West Covina
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91790
Affiliation Phone: (626) 338-0052

Affiliation Type Desc: Identification Signer
Entity Name: Robert Fontes
Entity Title: Financial Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Robert Fontes
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2207 Chico Ave.
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

TIP-TOP LABEL COMPANY (Continued) **S106765287**

Affiliation Type Desc: Operator
Entity Name: C & H METAL PRODUCTS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 442-4961

AE232 **SOUTHBAY ELECTRICAL SUPPLY CORP** **RCRA NonGen / NLR** **1024839545**
ESE **9739 KLINGERMAN ST** **CAL000387666**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.235 mi.
1242 ft. **Site 2 of 8 in cluster AE**

Relative: Higher
Actual: 248 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2013-07-23 00:00:00.0
Handler Name: SOUTHBAY ELECTRICAL SUPPLY CORP
Handler Address: 9739 KLINGERMAN ST
Handler City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAL000387666
Contact Name: LUIS J MURILLO
Contact Address: 9739 KLINGERMAN ST
Contact City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Contact Telephone: 626-401-0111
Contact Fax: 626-401-0113
Contact Email: STEPHANIE@TTMSOUTHBAY.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 9739 KLINGERMAN ST
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner Name: LUIS J MURILLO
Owner Type: Other
Operator Name: LUIS J MURILLO
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: Yes
Universal Waste Destination Facility: Yes
Federal Universal Waste: No

SOUTHBAY ELECTRICAL SUPPLY CORP (Continued) **1024839545**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:02:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LUIS J MURILLO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9739 KLINGERMAN ST
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone:	626-401-0111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SOUTHBAY ELECTRICAL SUPPLY CORP (Continued) **1024839545**

Owner/Operator Indicator: Owner
Owner/Operator Name: LUIS J MURILLO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9739 KLINGERMAN ST
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone: 626-401-0111
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2013-07-23 00:00:00.0
Handler Name: SOUTHBAY ELECTRICAL SUPPLY CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 335313
NAICS Description: SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AE233 **HARMAC COMPANY** **WIP** **S106484562**
ESE **9739 KLINGERMAN ST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.235 mi.
1242 ft. **Site 3 of 8 in cluster AE**

Relative:
Higher
Actual:
248 ft.

WIP:
Name: HARMAC COMPANY
Address: 9739 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0457
File Status: **Backlog**
Staff: UNIDENTIFIED
Facility Suite: Not reported

AE234 **ESE** **1/8-1/4** **0.235 mi.** **1242 ft.**	**LUIS MURILLO** **9739 KLINGERMAN ST** **SOUTH EL MONTE, CA 91733** **Site 4 of 8 in cluster AE**	**CERS HAZ WASTE** **CERS** **HWTS**	**S124653142** **N/A**

Relative:
Higher

Actual:
248 ft.

CERS HAZ WASTE:

Name:	SOUTHBAY ELECTRICAL SUPPLY
Address:	9739 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	571754
CERS ID:	10862167
CERS Description:	Hazardous Waste Generator

CERS:

Name:	SOUTHBAY ELECTRICAL SUPPLY
Address:	9739 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	571754
CERS ID:	10862167
CERS Description:	Chemical Storage Facilities

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Stephanie Murillo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Stephanie Murillo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	LUIS MURILLO
Entity Title:	Not reported
Affiliation Address:	9739 Klingerman St
Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 401-0111

Affiliation Type Desc:	Operator
Entity Name:	LUIS MURILLO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

LUIS MURILLO (Continued) **S124653142**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 401-0111

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9739 Klingerman St
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Southbay Electrical Supply
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Environmental Contact
Entity Name: STEPHANIE MURILLO
Entity Title: Not reported
Affiliation Address: 9739 Klingerman St
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

HWTS:
Name: LUIS MURILLO
Address: 9739 KLINGERMAN ST
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAC002913225
Inactive Date: 09/05/2017
Create Date: 06/05/2017
Last Act Date: 09/05/2017
Mailing Name: Not reported
Mailing Address: 9737 KLINGERMAN ST
Mailing Address 2: Not reported

LUIS MURILLO (Continued) **S124653142**

Mailing City,State,Zip:	EL MONTE, CA 91733
Owner Name:	LUIS MURILLO
Owner Address:	9739 KLINGERMAN ST
Owner Address 2:	9737 KLINGERMAN ST
Owner City,State,Zip:	EL MONTE, CA 91733
Contact Name:	LIZETH MURILLO
Contact Address:	9739 KLINGERMAN ST
Contact Address 2:	Not reported
City,State,Zip:	EL MONTE, CA 91733

AE235 **HARMAC COMPANY** **CPS-SLIC** **S104576517**
ESE **9739 KLINGERMAN ST.** **CERS** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.235 mi.
1242 ft. **Site 5 of 8 in cluster AE**

Relative: **Higher**

Actual: **248 ft.**

CPS-SLIC:

Name:	HARMAC COMPANY
Address:	9739 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/13/2000
Global Id:	SL603798751
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.055407
Longitude:	-118.058166
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.0457
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	HARMAC COMPANY
Address:	9739 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	203777
CERS ID:	SL603798751
CERS Description:	Cleanup Program Site

AF236 **South** **1/8-1/4** **0.236 mi.** **1245 ft.**

ROSEMEAD TRUCK TIRE
2218 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 3 of 6 in cluster AF

WIP **S106765936** **N/A**

Relative: **Lower**
Actual: **236 ft.**

WIP:

Name:	ROSEMEAD TRUCK TIRE
Address:	2218 Rosemead Blvd
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1465
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

AA237 **NW** **1/8-1/4** **0.236 mi.** **1245 ft.**

ITAL CUSTOM CABINETS
2651 LEE AVE
SOUTH EL MONTE, CA 91733

Site 11 of 14 in cluster AA

WIP **S106765658** **N/A**

Relative: **Higher**
Actual: **241 ft.**

WIP:

Name:	ITAL CUSTOM CABINETS
Address:	2651 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1004
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	2 & 3

AA238 **NW** **1/8-1/4** **0.236 mi.** **1245 ft.**

TRU-CUT GRINDING
2651 LEE AVE
SOUTH EL MONTE, CA 91733

Site 12 of 14 in cluster AA

WIP **S106766047** **N/A**

Relative: **Higher**
Actual: **241 ft.**

WIP:

Name:	TRU-CUT GRINDING
Address:	2651 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1623
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	1

AH239 **NNW** **1/8-1/4** **0.237 mi.** **1249 ft.**

M & M'S CAR WORLD
9414 E GARVEY AVE
EL MONTE, CA 91733

WIP **S106766172** **N/A**

Site 5 of 16 in cluster AH

Relative: Higher
Actual: 245 ft.

WIP:

Name:	M & M'S CAR WORLD
Address:	9414 E Garvey Ave
City,State,Zip:	EL MONTE, CA 91733
Region:	4
File Number:	107.1961
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

AD240 **SSE** **1/8-1/4** **0.238 mi.** **1256 ft.**

SIERRA LANDSCAPE DEVELOPMENT
2209 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733

RCRA NonGen / NLR **1026715600** **CAC003104036**

Site 10 of 13 in cluster AD

Relative: Lower
Actual: 239 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2021-02-04 00:00:00.0
Handler Name:	SIERRA LANDSCAPE DEVELOPMENT
Handler Address:	2209 1/2 CHICO AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAC003104036
Contact Name:	ALEC SAMBERG
Contact Address:	2209 1/2 CHICO AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-234-1458
Contact Fax:	Not reported
Contact Email:	ALEC@SIERRALANDSCAPEDEV.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2209 1/2 CHICO AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	KEVIN WATCHLER
Owner Type:	Other
Operator Name:	ALEC SAMBERG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

SIERRA LANDSCAPE DEVELOPMENT (Continued) **1026715600**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2021-02-26 18:45:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEVIN WATCHLER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2209 1/2 CHICO AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-447-5260
Owner/Operator Telephone Ext:	Not reported

SIERRA LANDSCAPE DEVELOPMENT (Continued) **1026715600**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALEC SAMBERG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2209 1/2 CHICO AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-234-1458
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2021-02-04 00:00:00.0
Handler Name: SIERRA LANDSCAPE DEVELOPMENT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 561730
NAICS Description: LANDSCAPING SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AD241 **BOB WHITE PLUMBING CO INC** **HIST UST** **U001569439**
SSE **2209 1/2 CHICO AVENUE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.238 mi.
1256 ft. **Site 11 of 13 in cluster AD**

Relative: Lower
Actual: 239 ft.

HIST UST:
Name: BOB WHITE PLUMBING CO INC
Address: 2209 1/2 CHICO AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 000262F6
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000262F6.pdf
Region: STATE
Facility ID: 00000041466
Facility Type: Other
Other Type: PLUMBING CONTRACTOR

BOB WHITE PLUMBING CO INC (Continued) **U001569439**

Contact Name: Not reported
Telephone: 8185758577
Owner Name: E.C. CONSTRUCTION COMPANY
Owner Address: 2213 N. CHICO AVENUE
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1979
Tank Capacity: 00006500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1979
Tank Capacity: 00006500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

AD242 **APPLIED SYSTEMS WATERPROOFING** **WIP** **S106765286**
SSE **2209 CHICO AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.238 mi.
1256 ft. **Site 12 of 13 in cluster AD**

Relative: **Lower**
Actual: **239 ft.**

WIP:
Name: APPLIED SYSTEMS WATERPROOFING
Address: 2209 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0446
File Status: **Historical**
Staff: CRS
Facility Suite: Not reported

AD243 **HO SHUN LEE INC** **SWEEPS UST** **S102058572**
SSE **2209 CHICO AVE** **LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **CERS**
0.238 mi.
1256 ft. **Site 13 of 13 in cluster AD**

Relative: **Lower**
Actual: **239 ft.**

SWEEPS UST:
Name: E.C. CONSTRUCTION CO
Address: 2209 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9200
Number: 9

HO SHUN LEE INC (Continued) **S102058572**

Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009200-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 2

Name: E.C. CONSTRUCTION CO
Address: 2209 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9200
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009200-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Name: E C CONSTRUCTION CO
Address: 2209 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009393-009200
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000191T
Permit Status: Removed

CERS:
Name: HO SHUN LEE INC
Address: 2209 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 420361
CERS ID: 10298002
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 420361

HO SHUN LEE INC (Continued) **S102058572**

Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Observed 3 x 11 gallon tanks of propane for the forklift and 2 walk-in coolers utilizing freon. Unable to verify freon quatiities at the time of inspection. Operator is required to verify and update inventory in the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: Site map is misisng access and exit points, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 09-21-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 09/23/2020. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA within 30 days. On an ongoing basis, electronically submit and certify the business plan annually on or before the annual due date.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

HO SHUN LEE INC (Continued) **S102058572**

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. No training/business plan submitted for 2017. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. No Emergency Response Plan submitted for 2017. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 05-28-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361

HO SHUN LEE INC (Continued) **S102058572**

Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. Observed an incorrect business activities submittal. Facility has hazardous materials onsite and needs updated in CERS to reflect "yes" for Hazardous Materials. CORRECTIVE ACTION: Complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CERS submittals not complete.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-03-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERDS review and email sent
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-07-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jennifer Lui, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: All violations have been abated. No further action required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2020

HO SHUN LEE INC (Continued) **S102058572**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jennifer Lui, owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Parent Corporation
Entity Name: HO SHUN LEE INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Environmental Contact
Entity Name: JENNIFER LUI
Entity Title: Not reported
Affiliation Address: 8021 LINWALT ST
Affiliation City: ROSEMEAD
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91770
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2209 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: JENNIFER LUI
Entity Title: Not reported
Affiliation Address: 2209 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 579-1345

HO SHUN LEE INC (Continued) **S102058572**

Affiliation Type Desc: Operator
Entity Name: JENNIFER LUI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 579-1345

AK244 **JADE PRODUCTS** **WIP** **S106765704**
SE **9705 FACTORIAL WAY** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.238 mi.
1259 ft. **Site 1 of 3 in cluster AK**

Relative: Higher
Actual: 244 ft.

WIP:
Name: JADE PRODUCTS
Address: 9705 Factorial Way
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1080
File Status: **Historical**
Staff: YLU
Facility Suite: Not reported

AE245 **ARDAN INDUSTRIES** **WIP** **S106765368**
ESE **9734 KLINGERMAN ST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.239 mi.
1261 ft. **Site 6 of 8 in cluster AE**

Relative: Higher
Actual: 247 ft.

WIP:
Name: ARDAN INDUSTRIES
Address: 9734 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0570
File Status: **Historical**
Staff: GMM
Facility Suite: Not reported

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246 **LAUR METALS CO** **SWRCY** **S107137228**
NNE **9566 GARVEY AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.239 mi.
1263 ft.

Relative: Higher
Actual: 248 ft.

SWRCY:
Name: LAUR METALS CO
Address: 9566 GARVEY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Reg Id: 24894
Cert Id: RC10053

LAUR METALS CO (Continued) **S107137228**

Mailing Address:	PO Box 226907
Mailing City:	Los Angeles
Mailing State:	CA
Mailing Zip Code:	90022
Website:	Not reported
Email:	joshlaor@hotmail.com
Phone Number:	(323) 269-8326
Rural:	N
Operation Begin Date:	10/10/1999
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Tue 10:00 am - 4:00 pm; Wed Closed; Thr - Sun 10:00 am - 4:00 pm
Organization ID:	19291
Organization Name:	Laur Metals Co

AG247
SE
1/8-1/4
0.242 mi.
1276 ft.

PRECISION POWDERED METAL PARTS
2206 CHICO AVE
SOUTH EL MONTE, CA 91733

WIP **S106765289**
N/A

Site 2 of 5 in cluster AG

Relative:
Lower

Actual:
240 ft.

WIP:

Name:	PRECISION POWDERED METAL PARTS
Address:	2206 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0452
File Status:	**Historical**
Staff:	CRS
Facility Suite:	Not reported

AB248
SE
1/8-1/4
0.242 mi.
1279 ft.

QUINTUS
2200 CHICO AVE
SOUTH EL MONTE, CA 91733

CERS HAZ WASTE **S106765410**
WIP **N/A**

Site 2 of 2 in cluster AB

Relative:
Higher

Actual:
242 ft.

CERS HAZ WASTE:

Name:	QUINTUS
Address:	2200 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	426201
CERS ID:	10744162
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	426201
Site Name:	QUINTUS
Violation Date:	05-14-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the

QUINTUS (Continued) **S106765410**

	designated facility which received the waste.
Violation Notes:	Returned to compliance on 07/18/2018. OBSERVATION: Uniform Hazardous Waste Manifests for [LIST HAZARDOUS WASTES] were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for [LIST HAZARDOUS WASTES] and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	426201
Site Name:	QUINTUS
Violation Date:	12-14-2020
Citation:	HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description:	Failure to report program data electronically.
Violation Notes:	Returned to compliance on 12/30/2020. OBSERVATION: Owner/Operator failed to report program data electronically into CERS. CORRECTIVE ACTION: Complete all required reporting into CERS.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Gustavo Ulloa, Owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-14-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Yenmi Gomez, Controller
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	426201
Facility Name:	QUINTUS
Env Int Type Code:	HWG
Program ID:	10744162
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.054100
Longitude:	-118.058570

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	JOBST BLACHY
Entity Title:	Not reported
Affiliation Address:	2200 Chico Ave

QUINTUS (Continued) **S106765410**

Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(310) 993-1003
Affiliation Type Desc:	Parent Corporation
Entity Name:	QUINTUS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Environmental Contact
Entity Name:	YENMI GOMEZ
Entity Title:	Not reported
Affiliation Address:	2200 Chico Ave
Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	YENMI GOMEZ
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 634-1924
Affiliation Type Desc:	Document Preparer
Entity Name:	Yenmi Gomez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address

QUINTUS (Continued) **S106765410**

Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2200 Chico Ave
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Yenmi Gomez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

WIP:
Name: BETTER ENGINEERED CONTROLS
Address: 2200 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0634
File Status: **Historical**
Staff: ACARLOS
Facility Suite: Not reported

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249 **NE** **1/8-1/4** **0.243 mi.** **1282 ft.**	**BLAZER MANUFACTURING** **9614 GARVEY AVE** **SOUTH EL MONTE, CA 91733**	**WIP**	**S106765422** **N/A**

Relative: **Higher**

Actual: **249 ft.**

WIP:
Name: BLAZER MANUFACTURING
Address: 9614 Garvey Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0650
File Status: **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

AA250 **NW** **1/8-1/4** **0.244 mi.** **1289 ft.**

JUSTIN, INC.
2663 LEE AVE
SOUTH EL MONTE, CA 91733

Site 13 of 14 in cluster AA

WIP **S106765719** **N/A**

Relative: **Higher**
Actual: **242 ft.**

WIP:

Name:	JUSTIN, INC.
Address:	2663 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1101
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

AA251 **NW** **1/8-1/4** **0.244 mi.** **1289 ft.**

JUSTIN INC
2663 LEE AVE
SOUTH EL MONTE, CA 91733

Site 14 of 14 in cluster AA

RCRA NonGen / NLR **1026163471** **CAC003063464**

Relative: **Higher**
Actual: **242 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2020-04-16 00:00:00.0
Handler Name:	JUSTIN INC
Handler Address:	2663 LEE AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733-1411
EPA ID:	CAC003063464
Contact Name:	JEFFREY JUSTIN
Contact Address:	2663 LEE AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733-1411
Contact Telephone:	626-444-4516
Contact Fax:	Not reported
Contact Email:	JUSINC@PACBELL.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2663 LEE AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-1411
Owner Name:	JEFFREY JUSTIN
Owner Type:	Other
Operator Name:	JEFFREY JUSTIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

JUSTIN INC (Continued) **1026163471**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-04-24 18:56:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFFREY JUSTIN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2663 LEE AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733-1411
Owner/Operator Telephone:	626-444-4516
Owner/Operator Telephone Ext:	Not reported

JUSTIN INC (Continued) **1026163471**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JEFFREY JUSTIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2663 LEE AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-1411
Owner/Operator Telephone: 626-444-4516
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-04-16 00:00:00.0
Handler Name: JUSTIN INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334416
NAICS Description: ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AH252 **AM PUMPING INC.** **WIP** **S106765190**
North **9452 GARVEY AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.244 mi.
1290 ft. **Site 6 of 16 in cluster AH**

Relative:
Higher
Actual:
246 ft.

WIP:
Name: AM PUMPING INC.
Address: 9452 Garvey Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0027
File Status: **Historical**
Staff: BPONEK
Facility Suite: Not reported

AH253 **GARVEY AUTO AND TRUCK SUPPLY** **CPS-SLIC** **S106765227**
North **9452 GARVEY AVE** **WIP** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.244 mi.
1290 ft. **Site 7 of 16 in cluster AH**

Relative: Higher
Actual: 246 ft.

CPS-SLIC:

Name:	GARVEY AUTO AND TRUCK SUPPLY
Address:	9452 GARVEY AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/01/1987
Global Id:	T10000016137
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.06242
Longitude:	-118.0637
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	107.0149
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Name:	AM PUMPING INC.
Address:	9452 GARVEY AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/12/1987
Global Id:	T10000016063
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.06242
Longitude:	-118.0637
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	107.0027
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	GARVEY AUTO AND TRUCK SUPPLY
Address:	9452 Garvey Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0149
File Status:	**Historical**
Staff:	BPONEK

GARVEY AUTO AND TRUCK SUPPLY (Continued) **S106765227**

Facility Suite: Not reported

AH254	**AM PUMPING INC**	**RCRA NonGen / NLR**	**1000350206**
North	**9452 E GARVEY AVE**	**FINDS**	**CAT080012776**
1/8-1/4	**SOUTH EL MONTE, CA 91733**	**ECHO**	
0.244 mi.			
1290 ft.	**Site 8 of 16 in cluster AH**		

Relative: Higher

Actual: 246 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	1980-12-05 00:00:00.0
Handler Name:	AM PUMPING INC
Handler Address:	9452 E GARVEY AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAT080012776
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	9452 E GARVEY AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	213-448-7614
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	E GARVEY AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	ALBERTO CRUZ
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

AM PUMPING INC (Continued) **1000350206**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:31:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALBERTO CRUZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported

AM PUMPING INC (Continued) **1000350206**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1980-12-05 00:00:00.0
Handler Name: AM PUMPING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

AM PUMPING INC (Continued) **1000350206**

Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1996-04-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110006188017

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000350206
Registry ID: 110006188017
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006188017
Name: AM PUMPING INC
Address: 9452 E GARVEY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733

AH255 **GARVEY AUTO AND TRUCK SUPPLY DBA** **RCRA-SQG** **1000432150**
North **9452 GARVEY AVE** **FINDS** **CAD028124121**
1/8-1/4 **SOUTH EL MONTE, CA 91733** **ECHO**
0.244 mi.
1290 ft. **Site 9 of 16 in cluster AH**

Relative:
Higher

Actual:
246 ft.

RCRA-SQG:
Date Form Received by Agency: 1996-09-01 00:00:00.0
Handler Name: GARVEY AUTO AND TRUCK SUPPLY DBA
Handler Address: 9452 GARVEY AVE
Handler City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAD028124121
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported

GARVEY AUTO AND TRUCK SUPPLY DBA (Continued) **1000432150**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	9452 GARVEY AV
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

GARVEY AUTO AND TRUCK SUPPLY DBA (Continued) **1000432150**

Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2002-06-27 03:23:07.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: GARVEY AUTO AND TRUCK SUPPLY DBA
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

GARVEY AUTO AND TRUCK SUPPLY DBA (Continued) **1000432150**

Receive Date: 1981-07-30 00:00:00.0
Handler Name: GARVEY AUTO AND TRUCK SUPPLY DBA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002640036

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000432150
Registry ID: 110002640036
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002640036
Name: GARVEY AUTO AND TRUCK SUPPLY DBA
Address: 9452 GARVEY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733

AC256 **MARCOR OF CALIF.** **WIP** **S106765755**
SW **2413 LEE AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.245 mi.
1293 ft. **Site 3 of 5 in cluster AC**

Relative: **Lower**
Actual: **236 ft.**

WIP:

Name:	MARCOR OF CALIF.
Address:	2413 Lee Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1165
File Status:	**Historical**
Staff:	BPONEK
Facility Suite:	Not reported

AJ257 **OLIVER MACHINE WORKS** **WIP** **S106765847**
WNW **9215 FERN ST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.248 mi.
1310 ft. **Site 3 of 3 in cluster AJ**

Relative: **Lower**
Actual: **235 ft.**

WIP:

Name:	OLIVER MACHINE WORKS
Address:	9215 Fern St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1319
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

AL258 **MIKE PRLICH & SONS** **SWEEPS UST** **U001569480**
SW **9316 KLINGERMAN ST** **HIST UST** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.248 mi.
1310 ft. **Site 1 of 2 in cluster AL**

Relative: **Lower**
Actual: **235 ft.**

SWEEPS UST:

Name:	PRLICH & SON
Address:	9316 KLINGERMAN ST
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	10676
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

MIKE PRLICH & SONS (Continued) **U001569480**

HIST UST:

Name:	MIKE PRLICH & SONS
Address:	9316 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000020516
Facility Type:	Other
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	2132837852
Owner Name:	MIKE PRLICH & SONS
Owner Address:	9316 KLINGERMAN AVE
Owner City,St,Zip:	SOUTH EL MONTE, CA 91733
Total Tanks:	0003

Tank Num:	001
Container Num:	G-001
Year Installed:	1973
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	D-001
Year Installed:	1973
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	D-002
Year Installed:	1973
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

AL259 **MIKE PRLICH AND SONS** **HIST UST** **S118412943**
SW **9316 KLINGERMAN AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.248 mi.
1310 ft. **Site 2 of 2 in cluster AL**

Relative:
Lower

Actual:
235 ft.

HIST UST:

Name:	MIKE PRLICH AND SONS
Address:	9316 KLINGERMAN AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	00027C20
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027C20.pdf
Region:	Not reported

MIKE PRLICH AND SONS (Continued) **S118412943**

Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

AH260	**M AND M TEXACO**	**HIST UST**	**S118412552**
North	**9432 GARVOY BLVD**		**N/A**
1/8-1/4	**SOUTH EL MONTE, CA 91731**		
0.248 mi.			
1312 ft.	**Site 10 of 16 in cluster AH**		

Relative: **Higher**

Actual: **246 ft.**

HIST UST:

Name:	M AND M TEXACO
Address:	9432 GARVOY BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91731
File Number:	00027B6C
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027B6C.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

AH261 **MCWHIRTER REAL ESTATE CO** — **SWEEPS UST, LOS ANGELES CO. HMS** — **S104537059**, **N/A**

North **9432 GARVEY AVE**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.248 mi.
1312 ft. **Site 11 of 16 in cluster AH**

Relative: Higher
Actual: 246 ft.

SWEEPS UST:

Name:	MC WHIRTU REALTY CO
Address:	9432 E GARVEY AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	11450
Number:	9
Board Of Equalization:	44-009302
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-011450-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	5

Name:	MC WHIRTU REALTY CO
Address:	9432 E GARVEY AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	11450
Number:	9
Board Of Equalization:	44-009302
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-011450-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Name:	MC WHIRTU REALTY CO
Address:	9432 E GARVEY AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	11450
Number:	9
Board Of Equalization:	44-009302
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-011450-000003

MCWHIRTER REAL ESTATE CO (Continued) **S104537059**

Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: MC WHIRTU REALTY CO
Address: 9432 E GARVEY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 11450
Number: 9
Board Of Equalization: 44-009302
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-011450-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: MC WHIRTU REALTY CO
Address: 9432 E GARVEY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 11450
Number: 9
Board Of Equalization: 44-009302
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-011450-000005
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Name: MCWHIRTER REAL ESTATE CO
Address: 9432 GARVEY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 011413-011450
Facility Type: 0
Facility Status: Removed

MCWHIRTER REAL ESTATE CO (Continued) **S104537059**

Area: 3U
Permit Number: 00002973T
Permit Status: Removed

AH262 **North** **1/8-1/4** **0.248 mi.** **1312 ft.**

MCWHIRTER TEXACO.S.S. (FO
9432 GARVEY
SOUTH EL MONTE, CA 91731

HIST CORTESE **S110060708** **N/A**

Site 12 of 16 in cluster AH

Relative: Higher **Actual: 246 ft.**

HIST CORTESE:

edr_fname:	MCWHIRTER TEXACO.S.S. (FO
edr_fadd1:	9432 GARVEY
City,State,Zip:	SOUTH EL MONTE, CA 91731
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-11450

AH263 **North** **1/8-1/4** **0.248 mi.** **1312 ft.**

MCWHIRTER TEXACO.S.S. (FORMER)
9432 GARVEY AVE E
EL MONTE, CA 91731

LUST **Cortese** **CERS** **S103587519** **N/A**

Site 13 of 16 in cluster AH

Relative: Higher **Actual: 246 ft.**

LUST:

Name:	MCWHIRTER TEXACO.S.S. (FORMER)
Address:	9432 GARVEY AVE E
City,State,Zip:	EL MONTE, CA 91731
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703801
Global Id:	T0603703801
Latitude:	34.0626221
Longitude:	-118.0640012
Status:	Open - Remediation
Status Date:	04/17/2008
Case Worker:	JTR
RB Case Number:	I-11450
Local Agency:	LOS ANGELES COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603703801
Contact Type:	Regional Board Caseworker
Contact Name:	JEREMIAH ROSE
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th St. #200
City:	LOS ANGELES
Email:	jeremiah.rose@waterboards.ca.gov
Phone Number:	2135766760

Global Id:	T0603703801

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

LUST:
Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 03/14/2001
Action: 13267 Requirement

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2005
Action: Interim Remedial Action Plan

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2005
Action: Soil and Water Investigation Workplan

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2012

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2012
Action: Interim Remedial Action Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 02/06/2017
Action: Remedial Progress Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2017
Action: Remedial Progress Report

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 08/29/2003
Action: Staff Letter

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 10/31/2014
Action: Staff Letter

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 05/17/2005
Action: Staff Letter

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 02/06/2017
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 08/16/2016
Action: Staff Letter

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2006
Action: Remedial Progress Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2008
Action: Soil and Water Investigation Workplan

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2008
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603703801
Action Type: RESPONSE
Date: 03/02/2009
Action: Other Report / Document

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/18/2019
Action: Other Workplan

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 11/14/2016
Action: Staff Letter

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 12/23/2019
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 08/07/2019
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 06/03/2005
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 06/21/2019
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 01/29/2008
Action: Staff Letter

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 08/22/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 01/31/2020
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 09/06/2012
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 08/22/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 07/02/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 11/17/2020
Action: Staff Letter

Global Id: T0603703801
Action Type: Other
Date: 01/24/1991
Action: Leak Discovery

Global Id: T0603703801
Action Type: Other
Date: 01/24/1991
Action: Leak Stopped

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Global Id: T0603703801
Action Type: Other
Date: 02/19/1991
Action: Leak Reported

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 03/23/2020
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/05/2016
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0603703801
Action Type: RESPONSE
Date: 09/19/2016
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0603703801
Action Type: RESPONSE
Date: 08/23/2019
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/18/2019
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 10/29/2002
Action: Staff Letter

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 05/07/2012
Action: Staff Letter

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Date: 03/02/2009
Action: Other Workplan

Global Id: T0603703801
Action Type: RESPONSE
Date: 03/02/2009
Action: Conceptual Site Model

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 03/02/2009
Action: Interim Remedial Action Plan

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2003
Action: Interim Remedial Action Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 12/15/2002
Action: Soil and Water Investigation Workplan

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 10/15/2002
Action: Soil and Water Investigation Report

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Global Id: T0603703801
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2004
Action: CAP/RAP - Other Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: RESPONSE
Date: 02/17/2021
Action: Remedial Progress Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2021
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: REMEDIATION
Date: 10/10/2008
Action: Pump & Treat (P&T) Groundwater

Global Id: T0603703801
Action Type: REMEDIATION
Date: 10/26/2012
Action: Dual Phase Extraction

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: REMEDIATION
Date: 08/01/2005
Action: Soil Vapor Extraction (SVE)

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 04/16/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0603703801
Action Type: ENFORCEMENT

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Date: 01/23/2009
Action: Staff Letter

Global Id: T0603703801
Action Type: RESPONSE
Date: 07/16/2020
Action: Site Assessment Report

Global Id: T0603703801
Action Type: RESPONSE
Date: 01/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603703801
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

LUST:
Global Id: T0603703801
Status: Open - Case Begin Date
Status Date: 01/24/1991

Global Id: T0603703801
Status: Open - Verification Monitoring
Status Date: 02/19/1991

Global Id: T0603703801
Status: Open - Site Assessment
Status Date: 05/15/1991

Global Id: T0603703801
Status: Open - Site Assessment
Status Date: 09/06/1991

Global Id: T0603703801
Status: Open - Site Assessment
Status Date: 12/20/1995

Global Id: T0603703801
Status: Open - Remediation
Status Date: 09/07/2000

Global Id: T0603703801
Status: Open - Site Assessment
Status Date: 09/16/2002

Global Id: T0603703801
Status: Open - Remediation
Status Date: 08/29/2003

Global Id: T0603703801
Status: Open - Remediation
Status Date: 02/24/2004

Global Id: T0603703801
Status: Open - Site Assessment

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Status Date: 10/12/2005

Global Id: T0603703801
Status: Open - Remediation
Status Date: 11/27/2006

Global Id: T0603703801
Status: Open - Remediation
Status Date: 04/17/2008

Global Id: T0603703801
Status: Open - Site Assessment
Status Date: 04/17/2008

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-11450
Status: Remedial action (cleanup) Underway
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Remove Free Product
Global ID: T0603703801
W Global ID: Not reported
Staff: NB
Local Agency: 19000
Cross Street: ROSEMEAD BLVD
Enforcement Type: SEL
Date Leak Discovered: 1/24/1991
Date Leak First Reported: 2/19/1991
Date Leak Record Entered: 4/5/1991
Date Confirmation Began: Not reported
Date Leak Stopped: 1/24/1991
Date Case Last Changed on Database: 9/16/2002
Date the Case was Closed: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: MCWHIRTER, VAN
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1258.5208092537232720364275732
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 5/15/1991
Preliminary Site Assessment Began: 9/6/1991
Pollution Characterization Began: 9/16/2002
Remediation Plan Submitted: 9/7/2000
Remedial Action Underway: 2/24/2004
Post Remedial Action Monitoring Began: 2/19/1991
Enforcement Action Date: 3/14/2001
Historical Max MTBE Date: 9/26/2000
Hist Max MTBE Conc in Groundwater: 1600

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Yes
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MS. DONNA MCHWHIRTER
RP Address: 10523 PENFIELD AVE.
Program: LUST
Lat/Long: 34.0626221 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: RECD A FAX DATED 8/11/97 REFUSING ADDL OFFSITE INVESTIGATION; 9/7/00 WP FOR ADD'L WELL INSTALLATION AND REMEDIATION PILOT TEST; 10/17/00 3RD QTR GW MON RPT 2000;; 2/21/01 4TH QTR GW MON RPT 2000; 3/30/01 1ST. GW MON & VAPOR

CORTESE:
Name: MCWHIRTER TEXACO.S.S. (FORMER)
Address: 9432 GARVEY AVE E
City,State,Zip: EL MONTE, CA 91731
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603703801
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - REMEDIATION
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: MCWHIRTER TEXACO.S.S. (FORMER)
Address: 9432 GARVEY AVE E
City,State,Zip: EL MONTE, CA 91731
Site ID: 214955
CERS ID: T0603703801
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker

MCWHIRTER TEXACO.S.S. (FORMER) (Continued) **S103587519**

Entity Name:	JEREMIAH ROSE - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4th St. #200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766760

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

AH264 **M & M TEXACO** **HIST UST** **U001569364**
North **9432 GARVEY AVE** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91731**
0.248 mi.
1312 ft. **Site 14 of 16 in cluster AH**

Relative: **Higher**
Actual: **246 ft.**

HIST UST:

Name:	M & M TEXACO
Address:	9432 GARVEY AVE
City,State,Zip:	SOUTH EL MONTE, CA 91731
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000021053
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	BELLIS
Telephone:	8187823121
Owner Name:	MCWHIRTER DIST CO
Owner Address:	6633 VALJEAN
Owner City,St,Zip:	VAN NUYS, CA 91406
Total Tanks:	0005

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR

M & M TEXACO (Continued) **U001569364**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

AC265 **TEMPLE CITY ENTERPRISES** **HIST UST** **S112928829**
SW **2407 N LEE AVE** **HAZNET** **N/A**
1/8-1/4 **S EL MONTE, CA 91733** **HWTS**
0.248 mi.
1312 ft. **Site 4 of 5 in cluster AC**

Relative:
Lower

Actual:
236 ft.

HIST UST:
Name: LEES PLUMBING
Address: 2407 N LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 000270DE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000270DE.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported

TEMPLE CITY ENTERPRISES (Continued) **S112928829**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	TEMPLE CITY ENTERPRISES
Address:	2407 N LEE AVE
Address 2:	Not reported
City,State,Zip:	S EL MONTE, CA 91733
Contact:	GRACE CHEN
Telephone:	6262922526
Mailing Name:	Not reported
Mailing Address:	9531 LOS TUNAS DR
Year:	2003
Gepaid:	CAC002563514
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.38

Additional Info:

Year:	2003
Gen EPA ID:	CAC002563514
Shipment Date:	20030402
Creation Date:	8/5/2003 18:30:51
Receipt Date:	20030411
Manifest ID:	22360899
Trans EPA ID:	CAT080016116
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.38
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	TEMPLE CITY ENTERPRISES
Address:	2407 N LEE AVE
Address 2:	Not reported

TEMPLE CITY ENTERPRISES (Continued) **S112928829**

City,State,Zip:	S EL MONTE, CA 91733
EPA ID:	CAC002563514
Inactive Date:	09/24/2003
Create Date:	03/27/2003
Last Act Date:	03/27/2003
Mailing Name:	Not reported
Mailing Address:	9531 LOS TUNAS DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	TEMPLE CITY, CA 91780
Owner Name:	TEMPLE CITY ENTERPRISES
Owner Address:	9531 LOS TUNAS DR
Owner Address 2:	Not reported
Owner City,State,Zip:	TEMPLE CITY, CA 91780
Contact Name:	GRACE CHEN
Contact Address:	9531 LOS TUNAS DR
Contact Address 2:	Not reported
City,State,Zip:	TEMPLE CITY, CA 91780

AC266 **H P CUSTOM CARPENTRY INC** **SWEEPS UST** **S102058739**
SW **2407 LEE AVE** **LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **SOUTH EL MONTE, CA 91733**
0.248 mi.
1312 ft. **Site 5 of 5 in cluster AC**

Relative: **Lower**
Actual: **236 ft.**

SWEEPS UST:

Name:	H P CUSTOM CARPENTRY INC
Address:	2407 N LEE AVE
City:	SOUTH EL MONTE
Status:	Active
Comp Number:	9168
Number:	9
Board Of Equalization:	44-008334
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-009168-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

LOS ANGELES CO. HMS:

Name:	H P CUSTOM CARPENTRY INC
Address:	2407 LEE AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	T
Facility Id:	009364-009168
Facility Type:	0
Facility Status:	Removed
Area:	3U
Permit Number:	00000152T
Permit Status:	Removed

AE267 **ESE** **1/4-1/2** **0.250 mi.** **1321 ft.** **Relative: Higher** **Actual: 249 ft.**	**FALCO RACK INC** **9751 KLINGERMAN ST** **S EL MONTE, CA 91733** **Site 7 of 8 in cluster AE**	**RCRA-SQG** **CPS-SLIC** **SWEEPS UST** **HIST UST** **LOS ANGELES CO. HMS** **NPDES** **WIP** **CIWQS** **CERS**	**1000263444** **CAD008496408**

RCRA-SQG:

Date Form Received by Agency:	2001-04-19 00:00:00.0
Handler Name:	FALCO RACK INC
Handler Address:	9751 KLINGERMAN ST
Handler City,State,Zip:	S EL MONTE, CA 91733
EPA ID:	CAD008496408
Contact Name:	BRIAN BAUMGARDNER
Contact Address:	9751 KLINGERMAN ST
Contact City,State,Zip:	S EL MONTE, CA 91733
Contact Telephone:	626-454-1221
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	9751 KLINGERMAN ST
Mailing City,State,Zip:	S EL MONTE, CA 91733
Owner Name:	BRIAN BAUMGARDNER
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

FALCO RACK INC (Continued) **1000263444**

Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2002-10-07 16:37:23.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: BRIAN BAUMGARDNER
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9751 KLINGERMAN ST

FALCO RACK INC (Continued) **1000263444**

Owner/Operator City,State,Zip: S EL MONTE, CA 91733
Owner/Operator Telephone: 626-454-1221
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1996-09-01 00:00:00.0
Handler Name: FALCO RACK INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2001-04-19 00:00:00.0
Handler Name: FALCO RACK INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1990-02-28 00:00:00.0
Handler Name: ARTISTIC POLISHING & PLATING#
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

FALCO RACK INC (Continued) **1000263444**

Receive Date: 1992-03-04 00:00:00.0
Handler Name: ARTISTIC POLISHING & PLATING, INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-01 00:00:00.0
Handler Name: ARTISTIC POLISHING & PLATING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 316992
NAICS Description: WOMEN'S HANDBAG AND PURSE MANUFACTURING

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CPS-SLIC:
Name: ARTISTIC POLISHING AND PLATING, INC
Address: 9751 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 11/18/2003
Global Id: SL603792703
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.055407
Longitude: -118.058166
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported

FALCO RACK INC (Continued) **1000263444**

RB Case Number: 107.0039
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:

Name: ARTISTIC POL & PLATING IN
Address: 9751 E KLINGERMAN ST
City: SOUTH EL MONTE
Status: Active
Comp Number: 4538
Number: 9
Board Of Equalization: 44-007823
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-004538-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 4

Name: ARTISTIC POL & PLATING IN
Address: 9751 E KLINGERMAN ST
City: SOUTH EL MONTE
Status: Active
Comp Number: 4538
Number: 9
Board Of Equalization: 44-007823
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-004538-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: ARTISTIC POL & PLATING IN
Address: 9751 E KLINGERMAN ST
City: SOUTH EL MONTE
Status: Active
Comp Number: 4538
Number: 9
Board Of Equalization: 44-007823
Referral Date: 06-30-89

FALCO RACK INC (Continued) **1000263444**

Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-004538-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: ARTISTIC POL & PLATING IN
Address: 9751 E KLINGERMAN ST
City: SOUTH EL MONTE
Status: Active
Comp Number: 4538
Number: 9
Board Of Equalization: 44-007823
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-004538-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: ARTISTIC POLISHING AND PLATING
Address: 9751 KLINGERMAN STREET
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 0002657B
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002657B.pdf
Region: STATE
Facility ID: 00000046972
Facility Type: Other
Other Type: METAL POLISHING & PL
Contact Name: GEORGE E. ART, PRESIDENT
Telephone: 8185792250
Owner Name: ARTISTIC POLISHING & PLATING,
Owner Address: 9751 KLINGERMAN STREET
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0009

Tank Num: 001
Container Num: 1
Year Installed: 1981
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6.5
Leak Detection: Visual

FALCO RACK INC (Continued) **1000263444**

Tank Num:	002
Container Num:	2
Year Installed:	1981
Tank Capacity:	00000300
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6.5
Leak Detection:	Visual
Tank Num:	003
Container Num:	3
Year Installed:	1981
Tank Capacity:	00000300
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6.5
Leak Detection:	Visual
Tank Num:	004
Container Num:	456
Year Installed:	1981
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6.5
Leak Detection:	Visual
Tank Num:	005
Container Num:	7
Year Installed:	Not reported
Tank Capacity:	00000400
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	7
Leak Detection:	Not reported
Tank Num:	006
Container Num:	8
Year Installed:	1976
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	007
Container Num:	9
Year Installed:	1976
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual
Tank Num:	008
Container Num:	5
Year Installed:	1981

FALCO RACK INC (Continued) **1000263444**

Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6.5
Leak Detection: Visual

Tank Num: 009
Container Num: 6
Year Installed: 1981
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6.5
Leak Detection: Visual

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:
Name: ARTISTIC POLISHING & PLATING
Address: 9751 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 004380-I04538
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000004416
Permit Status: Closed

Name: ARTISTIC POLISHING & PLATING
Address: 9751 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 004380-004538
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000100T
Permit Status: Removed

NPDES:
Name: ARTISTIC POLISHING & PLATING
Address: 9751 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 4 19I004347
Regulatory Measure Type: Industrial
Program Type: Not reported

FALCO RACK INC (Continued) **1000263444**

Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Terminated
Status Date: 04/06/1992
Operator Name: Artistic Polishing & Plating
Operator Address: 9751 Klingerman St
Operator City: South El Monte
Operator State: California
Operator Zip: 91733

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 4
Regulatory Measure ID: 268713
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 4 19I004347
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 05/09/2008
Processed Date: 04/06/1992
Status: Terminated
Status Date: 04/06/1992
Place Size: 41400
Place Size Unit: SqFt
Contact: George Art
Contact Title: Not reported
Contact Phone: 626-579-2250
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Artistic Polishing & Plating
Operator Address: 9751 Klingerman St
Operator City: South El Monte
Operator State: California
Operator Zip: 91733
Operator Contact: George Art
Operator Contact Title: Not reported
Operator Contact Phone: 626-579-2250
Operator Contact Phone Ext: Not reported
Operator Contact Email: Not reported

FALCO RACK INC (Continued) **1000263444**

Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	626-579-2250
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WIP:

Name:	ARTISTIC POLISHING & PLATING
Address:	9751 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0039
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

CIWQS:

Name:	ARTISTIC POLISHING & PLATING
Address:	9751 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Agency:	Artistic Polishing & Plating
Agency Address:	9751 Klingerman St, South El Monte, CA 91733
Place/Project Type:	Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring
SIC/NAICS:	3471

FALCO RACK INC (Continued) **1000263444**

Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I004347
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	04/06/1992
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.05549
Longitude:	-118.05657

CERS:

Name:	ARTISTIC POLISHING AND PLATING, INC
Address:	9751 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	202187
CERS ID:	SL603792703
CERS Description:	Cleanup Program Site

Name:	ARTISTIC POLISHING & PLATING
Address:	9751 KLINGERMAN STREET
City,State,Zip:	SOUTH EL MONTE, CA 91733-1728
Site ID:	452401
CERS ID:	110002634515
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Public Contact
Entity Name:	GEORGE ART
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	BRIAN BAUMGARDNER
Entity Title:	Not reported
Affiliation Address:	9751 KLINGERMAN ST
Affiliation City:	SELMONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AE268 **ESE** **1/4-1/2** **0.251 mi.** **1325 ft.**	**HARMAC COMPANY** **9742 KLINGERMAN ST** **SOUTH EL MONTE, CA 91733** **Site 8 of 8 in cluster AE**	**CPS-SLIC** **WIP** **CERS**	**S106484639** **N/A**

Relative: **Higher**

Actual: **248 ft.**

CPS-SLIC:

Name:	HARMAC COMPANY
Address:	9742 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/12/2014
Global Id:	SL603798830
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.055407
Longitude:	-118.058166
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.2186
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	HARMAC COMPANY
Address:	9742 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.2186
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

CERS:

Name:	HARMAC COMPANY
Address:	9742 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	241922
CERS ID:	SL603798830
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AI269 **North** **1/4-1/2** **0.253 mi.** **1336 ft.**	**UNITED TIRE/BENEFICIAL FINANCE** **9505 E GARVEY AVE** **SOUTH EL MONTE, CA 91733** **Site 2 of 2 in cluster AI**	**LUST** **Cortese** **LOS ANGELES CO. HMS** **CERS**	**S106669697** **N/A**

Relative:
Higher

Actual:
247 ft.

LUST:

Name:	UNITED TIRE/BENEFICIAL FINANCE
Address:	9505 E GARVEY AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603724959
Global Id:	T0603724959
Latitude:	34.062712
Longitude:	-118.062777
Status:	Completed - Case Closed
Status Date:	03/27/2002
Case Worker:	TS
RB Case Number:	Not reported
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	22633-31738
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603724959
Contact Type:	Local Agency Caseworker
Contact Name:	TIM SMITH
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	tsmith@dpw.lacounty.gov
Phone Number:	Not reported

Global Id:	T0603724959
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603724959
Action Type:	Other
Date:	12/13/2000
Action:	Leak Discovery

Global Id:	T0603724959
Action Type:	Other
Date:	12/13/2000
Action:	Leak Reported

Global Id:	T0603724959
Action Type:	REMEDIATION

UNITED TIRE/BENEFICIAL FINANCE (Continued) **S106669697**

Date: 10/05/2000
Action: Excavation

LUST:
Global Id: T0603724959
Status: Open - Case Begin Date
Status Date: 12/13/2000

Global Id: T0603724959
Status: Open - Site Assessment
Status Date: 03/26/2002

Global Id: T0603724959
Status: Completed - Case Closed
Status Date: 03/27/2002

CORTESE:
Name: UNITED TIRE/BENEFICIAL FINANCE
Address: 9505 E GARVEY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603724959
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

LOS ANGELES CO. HMS:
Name: UNITED TIRE/BENEFICIAL FINANCE
Address: 9505 GARVEY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 022633-031738
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 000293190
Permit Status: Removed

UNITED TIRE/BENEFICIAL FINANCE (Continued) **S106669697**

CERS:
Name: UNITED TIRE/BENEFICIAL FINANCE
Address: 9505 E GARVEY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 221601
CERS ID: T0603724959
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TIM SMITH - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AK270
SE
1/4-1/2
0.258 mi.
1363 ft.

MEDISOL USA
9713 FACTORIAL WAY
SOUTH EL MONTE, CA 91733

Site 2 of 3 in cluster AK

CPS-SLIC **S106484572**
WIP **N/A**
CERS

Relative: Higher
Actual: 244 ft.

CPS-SLIC:
Name: MEDISOL USA
Address: 9713 FACTORIAL WAY.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 10/31/1997
Global Id: SL603798761
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.054133
Longitude: -118.057765
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0639
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

MEDISOL USA (Continued) **S106484572**

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	MEDISOL USA
Address:	9713 Factorial Way
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0639
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	MEDISOL USA
Address:	9713 FACTORIAL WAY.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	251835
CERS ID:	SL603798761
CERS Description:	Cleanup Program Site

AF271
South
1/4-1/2
0.263 mi.
1390 ft.
Relative: Lower
Actual: 235 ft.

PACIFIC COAST DRUM
2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733

Site 4 of 6 in cluster AF

Database(s): RCRA-SQG, LUST, HIST UST, ICIS, US AIRS, FINDS, ECHO

1000249956
CAD028126977

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	PACIFIC COAST DRUM
Handler Address:	2200 N ROSEMEAD BLVD
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD028126977
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	2200 N ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private

PACIFIC COAST DRUM (Continued) **1000249956**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2006-09-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

PACIFIC COAST DRUM (Continued) **1000249956**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST DRUM COMPANY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name: PACIFIC COAST DRUM	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-09-01 00:00:00.0
Handler Name: PACIFIC COAST DRUM	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No

PACIFIC COAST DRUM (Continued) **1000249956**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-18 00:00:00.0
Handler Name: PACIFIC COAST DRUM
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1990-04-12 00:00:00.0
Handler Name: PACIFIC COAST DRUM
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-03-23 00:00:00.0
Handler Name: PACIFIC COAST DRUM
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332439
NAICS Description: OTHER METAL CONTAINER MANUFACTURING

NAICS Code: 42184
NAICS Description: INDUSTRIAL SUPPLIES WHOLESALERS

NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

PACIFIC COAST DRUM (Continued) **1000249956**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 107.0266
Status: Pollution Characterization
Substance: Solvents
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700161
W Global ID: Not reported
Staff: WIP
Local Agency: 19000
Cross Street: old case I-04601
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 8/7/1989
Date Leak Record Entered: 8/18/1989
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 8/18/1989
Date the Case was Closed: Not reported
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1569.9835024240288469967583794
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 9/27/1989
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: PACIFIC COAST DRUM CO.

PACIFIC COAST DRUM (Continued) **1000249956**

RP Address: 2200 ROSEMEAD BOULEVARD, SOUTH EL MONTE, 91773
Program: SLIC
Lat/Long: 34.0536255 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: WORK IN PROGRESS

HIST UST:
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000020986
Facility Type: Other
Other Type: CONTAINERS
Contact Name: Not reported
Telephone: 2132830218
Owner Name: PACIFIC COAST DRUM COMPANY
Owner Address: 2200 N. ROSEMEAD BLVD.
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0006

Tank Num: 001
Container Num: PCD-1
Year Installed: 1975
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: PCD-3
Year Installed: 1976
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 003
Container Num: PCD-5
Year Installed: 1980
Tank Capacity: 00003300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 8
Leak Detection: Visual

Tank Num: 004
Container Num: PCD-2

PACIFIC COAST DRUM (Continued) **1000249956**

Year Installed: 1976
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 005
Container Num: PCD 4
Year Installed: 1976
Tank Capacity: 00000400
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 006
Container Num: PCD-6
Year Installed: 1979
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

ICIS:
Enforcement Action ID: CASCAA0000060370098600056
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600056
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Administrative Order
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370098600055
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600055
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Notice of Violation
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV

PACIFIC COAST DRUM (Continued) **1000249956**

Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370098600040
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600040
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Administrative Order
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370098600039
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600039
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Notice of Violation
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370098600030
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600030
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Administrative Order
Facility County: LOS ANGELES

PACIFIC COAST DRUM (Continued) **1000249956**

Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370098600029
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600029
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Notice of Violation
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

US AIRS (AFS):
Envid: 1000249956
Region Code: 09
County Code: CA037
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
D and B Number: Not reported
Facility Site Name: DITTY CONTAINER
Primary SIC Code: 3412
NAICS Code: 332439
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported

US AIRS (AFS):
Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2005-03-01 00:00:00

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2008-07-18 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1977-10-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-04-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ

PACIFIC COAST DRUM (Continued) **1000249956**

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-12-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-11-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-12-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-05-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-06-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986

PACIFIC COAST DRUM (Continued) **1000249956**

Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-12-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-07-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-03-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-06-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

PACIFIC COAST DRUM (Continued) **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-04-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-06-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-05-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-06-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-12-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-09-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-07-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Date: 1998-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-04-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-01-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-09-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616

PACIFIC COAST DRUM (Continued) **1000249956**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-04-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

PACIFIC COAST DRUM (Continued) **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-05-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Date: 2011-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616

PACIFIC COAST DRUM (Continued) **1000249956**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

PACIFIC COAST DRUM (Continued) **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-02-26 00:00:00
Activity Status Date: 2004-02-26 00:00:00
Activity Group: Enforcement Action

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-03-19 00:00:00
Activity Status Date: 2008-03-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-02-19 00:00:00
Activity Status Date: 2004-02-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-03-09 00:00:00
Activity Status Date: 2008-03-09 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2003-12-18 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Date: Not reported
Activity Status Date: 2005-03-01 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2008-07-18 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-04-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-01-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616

PACIFIC COAST DRUM (Continued) **1000249956**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-09-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-09-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-09-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

PACIFIC COAST DRUM (Continued) **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-04-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-05-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-07-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Date: 2011-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616

PACIFIC COAST DRUM (Continued) **1000249956**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-04-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

PACIFIC COAST DRUM (Continued) **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-05-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-12-03 00:00:00
Activity Status Date: 2003-12-03 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-02-26 00:00:00
Activity Status Date: 2004-02-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-03-19 00:00:00
Activity Status Date: 2008-03-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-05-28 00:00:00
Activity Status Date: 2003-05-28 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

PACIFIC COAST DRUM (Continued) **1000249956**

Activity Date: 2004-02-19 00:00:00
Activity Status Date: 2004-02-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-03-09 00:00:00
Activity Status Date: 2008-03-09 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:
Registry ID: 110009529616

Click Here:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR
AIR MAJOR
STATE MASTER
Registry ID: 110070591054

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PACIFIC COAST DRUM (Continued) **1000249956**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000249956
Registry ID:	110009529616
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009529616
Name:	DITTY CONTAINER
Address:	2200 N ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733

AF272
South
1/4-1/2
0.263 mi.
1390 ft.

PACIFIC COAST DRUM COMPANY
2200 N. ROSEMEAD BLVD.
SOUTH EL MONTE, CA 91733

Site 5 of 6 in cluster AF

CPS-SLIC **S108753642**
CERS **N/A**

Relative:
Lower

Actual:
235 ft.

CPS-SLIC:

Name:	PACIFIC COAST DRUM COMPANY
Address:	2200 N. ROSEMEAD BLVD.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	11/17/2014
Global Id:	SL603798723
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.055409
Longitude:	-118.06335
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.0266
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	PACIFIC COAST DRUM COMPANY
Address:	2200 N. ROSEMEAD BLVD.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	207767
CERS ID:	SL603798723
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

PACIFIC COAST DRUM COMPANY (Continued) **S108753642**

Affiliation Phone: Not reported

AF273
South
1/4-1/2
0.263 mi.
1390 ft.

PACIFIC COAST DRUM COMPAN
2200 ROSEMEAD
SOUTH EL MONTE, CA 91773

Site 6 of 6 in cluster AF

HIST CORTESE **S101298161**
N/A

Relative:
Lower

Actual:
235 ft.

HIST CORTESE:

edr_fname:	PACIFIC COAST DRUM COMPAN
edr_fadd1:	2200 ROSEMEAD
City,State,Zip:	SOUTH EL MONTE, CA 91773
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	107.0266

AK274
SE
1/4-1/2
0.267 mi.
1408 ft.

BURKE ENGINEERING CO.
9700 FACTORIAL WAY
SOUTH EL MONTE, CA 91733

Site 3 of 3 in cluster AK

CPS-SLIC
HAULERS
NPDES
WIP
CERS

S106484574
N/A

Relative:
Higher

Actual:
243 ft.

CPS-SLIC:

Name:	BURKE ENGINEERING CO.
Address:	9700 FACTORIAL WAY.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/18/2014
Global Id:	SL603798763
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0485029209302
Longitude:	-118.046901283721
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.0670
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HAULERS:

Name:	RANDY S TIRE SERVICE
Address:	9700 FACTORIAL WAY
City,State,Zip:	SOUTH EL MONTE, CA 91733-1725
Facility ID:	1764078
Facility Phone:	(626) 375-4103
Business Email Address:	Not reported
Contact Person:	Randy Wang
Mailing Address:	9700 Factorial Way

BURKE ENGINEERING CO. (Continued) **S106484574**

Mailing City:	South El Monte
Mailing State:	CA
Mailing Zip:	91733-1725
Mailing County:	Not reported
Mailing Phone:	(626) 375-4103
Current Status:	Active Business
Current Hauler Status:	Hauler - Registered
Accepting Tires From Public:	No
Regulatory Status Last Changed:	10/4/2013
Business Types:	--

NPDES:

Name:	RANDY TIRE SERVICE
Address:	9700 FACTORIAL WAY
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19NEC004864
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	01/15/2019
Operator Name:	Randy Tire Service
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	RANDY TIRE SERVICE
Address:	9700 FACTORIAL WAY
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	504793
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19NEC004864
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/15/2019

BURKE ENGINEERING CO. (Continued) **S106484574**

Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 9700 Factorial Way
Discharge Name: Randy Tire Service
Discharge City: South El Monte
Discharge State: California
Discharge Zip: 91733
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

WIP:
Name: BURKE ENGINEERING CO.
Address: 9700 Factorial Way
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0670
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: BURKE ENGINEERING CO.
Address: 9700 FACTORIAL WAY.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 205240
CERS ID: SL603798763
CERS Description: Cleanup Program Site

Name: RANDY TIRE SERVICE
Address: 9700 FACTORIAL WAY
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 540424
CERS ID: 869517
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Randy Tire Service
Entity Title: Operator
Affiliation Address: 9700 Factorial Way
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

AG275	**FORMS & SERVICES/METALS**	**LUST**	**S103282059**
SSE	**2112 CHICO AVE N**	**Cortese**	**N/A**
1/4-1/2	**SOUTH EL MONTE, CA 91233**	**EMI**	
0.269 mi.		**WIP**	
1418 ft.	**Site 3 of 5 in cluster AG**	**CERS**	

Relative:
Lower

Actual:
240 ft.

LUST:

Name:	FORMS & SERVICES/METALS
Address:	2112 CHICO AVE N
City,State,Zip:	SOUTH EL MONTE, CA 91233
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705504
Global Id:	T0603705504
Latitude:	34.053257
Longitude:	-118.059991
Status:	Completed - Case Closed
Status Date:	02/25/1998
Case Worker:	JOA
RB Case Number:	R-25424
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

LUST:

Global Id:	T0603705504
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Global Id:	T0603705504
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603705504
Action Type:	Other
Date:	02/25/1998
Action:	Leak Reported

LUST:

Global Id:	T0603705504
Status:	Completed - Case Closed
Status Date:	02/25/1998

Global Id:	T0603705504
Status:	Open - Case Begin Date

FORMS & SERVICES/METALS (Continued) **S103282059**

Status Date: 02/25/1998

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-25424
Status: Case Closed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603705504
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 2/25/1998
Date Leak Record Entered: 3/18/1998
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 2/25/1998
Date the Case was Closed: 2/25/1998
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2729.9135213857414728390921938
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: FORMS & SERVICES/METALS
RP Address: 3435 WILSHIRE BLVD LOS ANGELES, CA 90010
Program: LUST
Lat/Long: 34.0548824 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported

FORMS & SERVICES/METALS (Continued) **S103282059**

Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CORTESE:
Name: FORMS & SERVICES/METALS
Address: 2112 CHICO AVE N
City,State,Zip: SOUTH EL MONTE, CA 91233
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603705504
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

EMI:
Name: FORMS & SURFACES INC
Address: 2112 CHICO AV
City,State,Zip: SOUTH EL MONTE, CA 91233
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 7578
Air District Name: SC
SIC Code: 2511
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: FORMS & SURFACES INC
Address: 2112 CHICO AV
City,State,Zip: SOUTH EL MONTE, CA 91233

FORMS & SERVICES/METALS (Continued) **S103282059**

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 7578
Air District Name: SC
SIC Code: 3089
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

WIP:
Name: FORMS AND SURFACES, INC.
Address: 2112 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0935
File Status: Historical
Staff: YLU
Facility Suite: Not reported

CERS:
Name: FORMS & SERVICES/METALS
Address: 2112 CHICO AVE N
City,State,Zip: SOUTH EL MONTE, CA 91233
Site ID: 210131
CERS ID: T0603705504
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

FORMS & SERVICES/METALS (Continued) **S103282059**

Name:	COLORFUL STONE INC
Address:	2112 CHICO AVE # A
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	426512
CERS ID:	10285852
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	426512
Site Name:	COLORFUL STONE INC
Violation Date:	09-11-2017
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 09/11/2017. OBSERVATION: The business failed to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	426512
Site Name:	COLORFUL STONE INC
Violation Date:	09-11-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/11/2017. OBSERVATION: The business failed to complete and electronically submit a business plan when handling hazardous materials at or above the reportable threshold quantities. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Complete and electronically submit a business plan.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	426512
Site Name:	COLORFUL STONE INC
Violation Date:	07-30-2014
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/11/2017. No CERS
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	426512
Site Name:	COLORFUL STONE INC
Violation Date:	09-11-2017

FORMS & SERVICES/METALS (Continued) **S103282059**

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/11/2017. OBSERVATION: The business failed to complete and electronically submit a site map with all required content. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 426512
Site Name: COLORFUL STONE INC
Violation Date: 09-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 09/11/2017. OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 426512
Site Name: COLORFUL STONE INC
Violation Date: 09-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 09/11/2017. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 426512
Site Name: COLORFUL STONE INC
Violation Date: 09-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site

FORMS & SERVICES/METALS (Continued) **S103282059**

at or above reportable quantities.

Violation Notes: Returned to compliance on 09/11/2017. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Reviewed with operator and submitted at the time of inspection. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 04-07-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Lisa, Partner No CERS entries
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Chia Wong, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2112 CHICO AVE #A
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: YOUFU LIN
Entity Title: Not reported
Affiliation Address: 2112 CHICO AVE #A

FORMS & SERVICES/METALS (Continued) **S103282059**

Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 806-1206

Affiliation Type Desc: Parent Corporation
Entity Name: COLORFUL STONE INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: SIYANG LIN
Entity Title: Not reported
Affiliation Address: 2112 CHICO AVENUE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: YOUFU LIN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 806-1206

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

AG276 **FORMS AND SURFACES, INC.** **ENF** **S102791899**
SSE **2112 CHICO** **HIST CORTESE** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733**
0.269 mi.
1418 ft. **Site 4 of 5 in cluster AG**

Relative: **Lower**
Actual: **240 ft.**

ENF:
Name: FORMS AND SURFACES, INC.
Address: 2112 CHICO
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4

FORMS AND SURFACES, INC. (Continued) **S102791899**

Facility Id:	225040
Agency Name:	Forms & Surfaces Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.053211
Place Longitude:	-118.060029
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070935
Reg Measure Id:	154874
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported

FORMS AND SURFACES, INC. (Continued) **S102791899**

WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	243751
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	04/17/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/17/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070935
Description:	NOV sent 4/17/03 for overdue emergent chemical survey report.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	FORMS & SERVICES/METALS
edr_fadd1:	2112 CHICO
City,State,Zip:	SO EL MONTE, CA 91733
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-25424

AH277
North
1/4-1/2
0.273 mi.
1440 ft.

CHEVRON #20-6008 (FORMER
9420 GARVEY
SOUTH EL MONTE, CA 91733

LUST
HIST CORTESE
CERS

S102523280
N/A

Site 15 of 16 in cluster AH

Relative: Higher

Actual: 245 ft.

LUST:

Name:	CHEVRON #20-6008 (FORMER)
Address:	9420 GARVEY AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704648
Global Id:	T0603704648
Latitude:	34.0626201
Longitude:	-118.0642872
Status:	Completed - Case Closed
Status Date:	09/08/1999

CHEVRON #20-6008 (FORMER (Continued) **S102523280**

Case Worker: Not reported
RB Case Number: R-04640
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603704648
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

LUST:
Global Id: T0603704648
Action Type: Other
Date: 04/06/1990
Action: Leak Stopped

Global Id: T0603704648
Action Type: Other
Date: 08/10/1995
Action: Leak Reported

LUST:
Global Id: T0603704648
Status: Open - Case Begin Date
Status Date: 04/06/1990

Global Id: T0603704648
Status: Open - Remediation
Status Date: 08/03/1993

Global Id: T0603704648
Status: Completed - Case Closed
Status Date: 09/08/1999

HIST CORTESE:
edr_fname: CHEVRON #20-6008 (FORMER
edr_fadd1: 9420 GARVEY
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: R-04640

CERS:
Name: CHEVRON #20-6008 (FORMER)
Address: 9420 GARVEY AVE

CHEVRON #20-6008 (FORMER (Continued) **S102523280**

City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 230021
CERS ID: T0603704648
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

AH278 **CHEVRON #20-6008 (FORMER)** **LUST** **S103891215**
North **9420 GARVEY AVE** **Cortese** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733**
0.273 mi.
1440 ft. **Site 16 of 16 in cluster AH**

Relative:
Higher
Actual:
245 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-04640
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: VE
Global ID: T0603704648
W Global ID: Not reported
Staff: JLC
Local Agency: 19000
Cross Street: ROSEMEAD
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 8/10/1995
Date Leak Record Entered: 8/10/1995
Date Confirmation Began: Not reported
Date Leak Stopped: 4/6/1990
Date Case Last Changed on Database: 12/22/1999
Date the Case was Closed: 9/8/1999
How Leak Discovered: Subsurface Monitoring
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: SAME AS 2750 ROSEMEAD
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1173.3332985507904872261565753
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported

CHEVRON #20-6008 (FORMER) (Continued) **S103891215**

Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	8/3/1993
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	1/1/1965
Hist Max MTBE Conc in Groundwater:	10000
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	No
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CHEVRON PRODUCTS CO
RP Address:	1300 S. BEACH BLVD., LA HABRA, CA 90631
Program:	LUST
Lat/Long:	34.0626201 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	LOP/LOW - MINOR OR NO POTENTIAL WATER RESOURCE IMPACT
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	WIP SITE, FILE #107.1104; AKA JAMES ANDRUSS' PROPERTY WORK IN PROGRESS; SAME ADDRESS AS 2750 ROSEMEAD BLVD, EL MONTE CASE#R-4640; 4/20/99 1ST QTR GW MON RPT 1999; 6/30/99 2ND QTR GW MON RPT 1999; 12/22/99 WELL DESTRUCTION

CORTESE:

Name:	CHEVRON #20-6008 (FORMER)
Address:	9420 GARVEY AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603704648
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

279 **South** **1/4-1/2** **0.277 mi.** **1462 ft.**	**CHEMRITE CORPORATION** **2128 NO ROSEMEAD BLVD** **SOUTH EL MONTE, CA 91733**	**CPS-SLIC** **HIST UST** **EMI** **CERS**	**S106833546** **N/A**

Relative: **Lower**

Actual: **235 ft.**

CPS-SLIC:

Name:	JOHN B. MOORE CORP.-WESTERN
Address:	2128 N. ROSEMEAD BLVD.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	08/06/2014
Global Id:	SL603798706
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0535067750031
Longitude:	-118.063789882278
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.0084
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	CHEMRITE CORPORATION
Address:	2128 NO ROSEMEAD BLVD
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	00026CC6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026CC6.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

EMI:

CHEMRITE CORPORATION (Continued) **S106833546**

Name:	JOHN B MOORE CORP
Address:	2128 N ROSEMEAD BL
City,State,Zip:	S EL MONTE, CA 91733
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	45459
Air District Name:	SC
SIC Code:	2841
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	JOHN B. MOORE CORP.-WESTERN
Address:	2128 N. ROSEMEAD BLVD.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	246221
CERS ID:	SL603798706
CERS Description:	Cleanup Program Site

280
ESE
1/4-1/2
0.277 mi.
1463 ft.

ASTRONAUTIC ENAMELERS
9758 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

CPS-SLIC
ENF
WIP
CERS

S106090654
N/A

Relative: Higher

Actual: 249 ft.

CPS-SLIC:

Name:	ASTRONAUTIC ENAMELERS
Address:	9758 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	08/04/2014
Global Id:	SL603798750
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0553003343049
Longitude:	-118.055859300247
Case Type:	Cleanup Program Site
Case Worker:	SLH
Local Agency:	Not reported
RB Case Number:	107.0456
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

ASTRONAUTIC ENAMELERS (Continued) **S106090654**

ENF:

Name:	ASTRONAUTIC ENAMELERS
Address:	9758 KLINGERMAN
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	206628
Agency Name:	Astronautic Enamelers
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.055489
Place Longitude:	-118.056445
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070456
Reg Measure Id:	152381
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported

ASTRONAUTIC ENAMELERS (Continued) **S106090654**

WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	244359
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	04/17/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/17/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070456
Description:	NOV sent 4/17/03 for overdue emergent chemical survey report.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ASTRONAUTIC ENAMELERS
Address:	9758 KLINGERMAN
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	206628
Agency Name:	Astronautic Enamelers
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.055489
Place Longitude:	-118.056445
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported

ASTRONAUTIC ENAMELERS (Continued) **S106090654**

NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: WIP
Program Category1: MONITORING
Program Category2: MONITORING
Of Programs: 1
WDID: 4WIP1070456
Reg Measure Id: 152381
Reg Measure Type: Unregulated
Region: 4
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 229235
Region: 4
Order / Resolution Number: UNKNOWN
Enforcement Action Type: Notice of Violation
Effective Date: 08/31/1999
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 08/31/1999
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 4WIP1070456
Description: Notice of Violation sent 8/31/99 for overdue remedial

ASTRONAUTIC ENAMELERS (Continued) **S106090654**

	progress report.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ASTRONAUTIC ENAMELERS
Address:	9758 KLINGERMAN
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	206628
Agency Name:	Astronautic Enamelers
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.055489
Place Longitude:	-118.056445
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070456
Reg Measure Id:	152381
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported

ASTRONAUTIC ENAMELERS (Continued) **S106090654**

Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	229170
Region:	4
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/23/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/23/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070456
Description:	Level 1 enforcement letter sent 7/23/99 for overdue remedial progress report.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

WIP:

Name:	ASTRONAUTIC ENAMELERS
Address:	9758 Klingerman St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0456
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

ASTRONAUTIC ENAMELERS (Continued) **S106090654**

CERS:

Name:	ASTRONAUTIC ENAMELERS
Address:	9758 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	257057
CERS ID:	SL603798750
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	STEFANIE HADA - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4th Street, Ste. 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766659

AG281
SSE
1/4-1/2
0.279 mi.
1475 ft.

Relative:
Lower

Actual:
240 ft.

GARVEY PLUMBING & HARDWARE
2108 CHICO AVE
SOUTH EL MONTE, CA 91733

Site 5 of 5 in cluster AG

Database(s): **LUST, CPS-SLIC, Cortese, HIST CORTESE, LOS ANGELES CO. HMS, WIP, CERS**

EDR ID Number: **S102058461**
EPA ID Number: **N/A**

LUST:

Name:	GARVEY PLUMBING & HARDWARE
Address:	2108 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704364
Global Id:	T0603704364
Latitude:	34.0532164
Longitude:	-118.0599714
Status:	Completed - Case Closed
Status Date:	10/08/1996
Case Worker:	YR
RB Case Number:	I-15916
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

LUST:

Global Id:	T0603704364
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

GARVEY PLUMBING & HARDWARE (Continued) **S102058461**

Global Id: T0603704364
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704364
Action Type: Other
Date: 11/04/1993
Action: Leak Reported

LUST:
Global Id: T0603704364
Status: Open - Case Begin Date
Status Date: 11/04/1993

Global Id: T0603704364
Status: Completed - Case Closed
Status Date: 10/08/1996

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-15916
Status: Case Closed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704364
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 11/4/1993
Date Leak Record Entered: 11/3/1995
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 5/14/1997
Date the Case was Closed: 10/8/1996
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported

GARVEY PLUMBING & HARDWARE (Continued) **S102058461**

Approx. Dist To Production Well (ft): 2718.5486280239808889619484129
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: GARVEY PLUMBING & HARDWARE
RP Address: 9622 E GARVEY AVE, SOUTH EL MONTE CA 91733
Program: LUST
Lat/Long: 34.0548354 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: 05/14/97 - NOTICE OF INELIGIBILITY DETERMINATION

CPS-SLIC:
Name: GEORGE MEISSENBERG
Address: 2108 CHICO
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/12/2014
Global Id: SL603798833
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.054708
Longitude: -118.059045
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 107.2233
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CORTESE:
Name: GARVEY PLUMBING & HARDWARE
Address: 2108 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733

GARVEY PLUMBING & HARDWARE (Continued) **S102058461**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603704364
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	GARVEY PLUMBING & HARDWAR
edr_fadd1:	2108 CHICO
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-15916

LOS ANGELES CO. HMS:

Name:	GARVEY PLUMBING & HARDWARE
Address:	2108 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	Not reported
Facility Id:	015022-015916
Facility Type:	Not reported
Facility Status:	Removed
Area:	3U
Permit Number:	Not reported
Permit Status:	Not reported

WIP:

Name:	GEORGE MEISSENBERG
Address:	2108 Chico
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.2233
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

CERS:

GARVEY PLUMBING & HARDWARE (Continued) **S102058461**

Name: GEORGE MEISSENBERG
Address: 2108 CHICO
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 230590
CERS ID: SL603798833
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: GARVEY PLUMBING & HARDWARE
Address: 2108 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 254764
CERS ID: T0603704364
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AM282 **MOBIL #17-MWJ** **HIST CORTESE** **S101296128**
NNW **9401 BROADWAY** **N/A**
1/4-1/2 **EL MONTE, CA 91733**
0.295 mi.
1558 ft. **Site 1 of 4 in cluster AM**

Relative: Higher
Actual: 245 ft.

HIST CORTESE:
edr_fname: MOBIL #17-MWJ
edr_fadd1: 9401 BROADWAY
City,State,Zip: EL MONTE, CA 91733
Region: CORTESE

MOBIL #17-MWJ (Continued) **S101296128**

Facility County Code: 19
Reg By: LTNKA
Reg Id: 000348

edr_fname: REED PROPERTY
edr_fadd1: 9401 BROADWAY
City,State,Zip: EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 348

283
WSW
1/4-1/2
0.296 mi.
1561 ft.

Relative:
Lower

Actual:
234 ft.

VAGA INDUSTRIES
2505 LOMA AVE
SOUTH EL MONTE, CA 91733

RCRA-LQG
ENVIROSTOR
SWEEPS UST
HIST UST
ICIS
FINDS
ECHO
EMI
LOS ANGELES CO. HMS
NPDES
WIP

1000142725
CAD009693904

RCRA-LQG:

Date Form Received by Agency:	2020-04-14 00:00:00.0
Handler Name:	VAGA INDUSTRIES
Handler Address:	2505 LOMA AVE
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD009693904
Contact Name:	JEFFREY TROST
Contact Address:	LOMA AVE
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	626-442-7436
Contact Fax:	Not reported
Contact Email:	JEFF@VAGA.COM
Contact Title:	VICE PRESIDENT
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	LOMA AVE
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	HELEN PEARSON & JAMES E. TROST JR. & JEFFREY E. TROST
Owner Type:	Private
Operator Name:	VAGA INDUSTRIES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

VAGA INDUSTRIES (Continued) **1000142725**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-04-16 19:34:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2019

Click Here for Biennial Reporting System Data:

Year: 2015

VAGA INDUSTRIES (Continued) **1000142725**

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: JAKES TROST & COLLEEN TROST
Legal Status: Private
Date Became Current: 1996-04-08 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAMES AND COLLEEN TROST
Legal Status:	Private
Date Became Current:	1996-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2505 LOMA AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAKES TROST & COLLEEN TROST
Legal Status:	Private
Date Became Current:	1996-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2505 LOMA AVENUE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAMES AND COLLEEN TROST
Legal Status:	Private
Date Became Current:	1996-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2505 LOMA AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JAMES AND COLLEEN TROST
Legal Status:	Private
Date Became Current:	1996-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JAKES TROST & COLLEEN TROST
Legal Status: Private
Date Became Current: 1996-04-08 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JAMES AND COLLEEN TROST
Legal Status: Private
Date Became Current: 1996-04-08 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PEARSON ENGINEERING CORP.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JAMES AND COLLEEN TROST
Legal Status: Private
Date Became Current: 1996-04-08 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JAMES AND COLLEEN TROST
Legal Status: Private

VAGA INDUSTRIES (Continued) **1000142725**

Date Became Current:	1996-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAKES TROST & COLLEEN TROST
Legal Status:	Private
Date Became Current:	1996-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2505 LOMA AVENUE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLLEEN TROST
Legal Status:	Private
Date Became Current:	1996-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLEEN M TROST
Legal Status:	Private
Date Became Current:	1996-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2505 LOMA AVENUE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-442-7436
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VAGA INDUSTRIES
Legal Status:	Private
Date Became Current:	2009-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VAGA INDUSTRIES
Legal Status:	Private
Date Became Current:	2009-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2505 LOMA AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-442-7436
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JEFF@VAGA.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLEEN TROST
Legal Status:	Private
Date Became Current:	1996-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2505 LOMA AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-442-7436
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLLEEN M TROST
Legal Status:	Private
Date Became Current:	1996-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HELEN PEARSON & JAMES E. TROST JR. & JEFFREY E. TROST
Legal Status:	Private
Date Became Current:	2013-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2505 LOMA AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-442-7436
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	JEFF@VAGA.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HELEN PEARSON & COLLEEN TROST
Legal Status:	Private
Date Became Current:	2013-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2505 LOMA AVE
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-442-7436
Owner/Operator Telephone Ext:	Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HELEN PEARSON & JAMES E. TROST JR. & JEFFREY E. TROST
Legal Status: Private
Date Became Current: 2013-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2505 LOMA AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-442-7436
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JEFF@VAGA.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: VAGA INDUSTRIES
Legal Status: Private
Date Became Current: 2009-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2505 LOMA AVE
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 626-442-7436
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 626-422-4330
Owner/Operator Email: JEFF@VAGA.COM

Historic Generators:

Receive Date: 2010-07-28 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2013-02-21 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2016-03-01 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Small Quantity Generator

VAGA INDUSTRIES (Continued) **1000142725**

State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2017-03-29 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2020-04-14 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 1996-09-01 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-20 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

VAGA INDUSTRIES (Continued) **1000142725**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-07-17 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2020-04-14 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 1992-02-19 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-31 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Receive Date: 1996-03-18 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-04-15 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-10-12 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-26 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-20 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

VAGA INDUSTRIES (Continued) **1000142725**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-05-06 00:00:00.0
Handler Name: VAGA INDUSTRIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332812
NAICS Description: METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

NAICS Code: 332999
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

NAICS Code: 33991
NAICS Description: JEWELRY AND SILVERWARE MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-02-04 00:00:00.0
Actual Return to Compliance Date: 2016-08-16 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-02-04 00:00:00.0

VAGA INDUSTRIES (Continued) **1000142725**

Actual Return to Compliance Date: 2016-08-16 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2009-04-08 00:00:00.0
Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-08-09 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: -09-2010-0012
Enforcement Attorney: LM
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 2010-08-09 00:00:00.0
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Responsible Person: DFERN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-02-04 00:00:00.0
Actual Return to Compliance Date: 2016-08-16 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1994-04-05 00:00:00.0

VAGA INDUSTRIES (Continued) **1000142725**

Actual Return to Compliance Date: 1999-04-05 00:00:00.0
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2019-03-05 00:00:00.0
Actual Return to Compliance Date: 2019-08-08 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2016-02-04 00:00:00.0
Actual Return to Compliance Date: 2016-08-16 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2009-04-08 00:00:00.0

VAGA INDUSTRIES (Continued) **1000142725**

Actual Return to Compliance Date: 2009-04-08 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 601
Date of Enforcement Action: 2009-04-08 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 2009-04-08 00:00:00.0
Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2009-06-08 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Responsible Person: DFERN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 1992-06-25 00:00:00.0
Actual Return to Compliance Date: 1992-11-02 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 1992-09-29 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: JSULL
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2009-04-08 00:00:00.0

VAGA INDUSTRIES (Continued) **1000142725**

Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2009-06-08 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: DFERN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 1992-06-25 00:00:00.0
Actual Return to Compliance Date: 1992-11-02 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-08-09 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: -09-2010-0012
Enforcement Attorney: LM
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 2010-08-09 00:00:00.0
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Responsible Person: DFERN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2019-03-05 00:00:00.0
Actual Return to Compliance Date: 2019-08-08 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-02-04 00:00:00.0
Actual Return to Compliance Date: 2016-08-16 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 2009-04-08 00:00:00.0
Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-08-09 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: -09-2010-0012
Enforcement Attorney: LM
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 2010-08-09 00:00:00.0
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: DFERN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2009-04-08 00:00:00.0

VAGA INDUSTRIES (Continued) **1000142725**

Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2009-06-08 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: DFERN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Unknown
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2019-03-05 00:00:00.0
Actual Return to Compliance Date: 2019-08-08 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2009-04-08 00:00:00.0

VAGA INDUSTRIES (Continued) **1000142725**

Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-08-09 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: -09-2010-0012
Enforcement Attorney: LM
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 2010-08-09 00:00:00.0
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: DFERN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 2004-01-15 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-02-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-08-16 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-02-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-08-16 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-04-08 00:00:00.0
Evaluation Responsible Agency: EPA

VAGA INDUSTRIES (Continued) **1000142725**

Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DFERN
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-02-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-08-16 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1994-04-05 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1999-04-05 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2019-03-05 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2019-08-08 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-02-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-08-16 00:00:00.0

VAGA INDUSTRIES (Continued) **1000142725**

Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2017-02-02 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2005-04-26 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2010-08-09 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: DFERN
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-04-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2009-04-08 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Evaluation Date:	2009-04-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DFERN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2009-09-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-11-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-04-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DFERN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2009-09-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-11-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-03-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2019-08-08 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-08-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-02-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-08-16 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-04-08 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DFERN
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-04-08 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DFERN
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-08-03 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Undetermined
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: DFERN
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2019-03-05 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2019-08-08 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-04-08 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DFERN
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2009-09-01 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2012-05-03 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

VAGA INDUSTRIES (Continued) **1000142725**

ENVIROSTOR:

Name:	VAGA INDUSTRIES
Address:	2505 LOMA AVENUE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility ID:	71002320
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	57
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.05731
Longitude:	-118.0692
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD009693904
Alias Type:	EPA Identification Number
Alias Name:	110000782305
Alias Type:	EPA (FRS #)
Alias Name:	71002320
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SWEEPS UST:

Name:	VAGA INDUSTRIES
Address:	2505 N LOMA AVE

VAGA INDUSTRIES (Continued) **1000142725**

City: SOUTH EL MONTE
Status: Active
Comp Number: 6694
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: VAGA INDUSTRIES
Address: 2505 LOMA AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 00027C5F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027C5F.pdf
Region: STATE
Facility ID: 00000041313
Facility Type: Other
Other Type: PHOTO-ETCHING
Contact Name: Not reported
Telephone: 8184428631
Owner Name: PEARSON ENGINEERING CORP DBA V
Owner Address: 2505 LOMA AVENUE
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1975
Tank Capacity: 00001260
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 002
Container Num: 2
Year Installed: 1975
Tank Capacity: 00001260
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

ICIS:

VAGA INDUSTRIES (Continued) **1000142725**

Enforcement Action ID: 09-2010-5061
FRS ID: 110000782305
Action Name: Vaga Industries (AKA Pierson Engineering)
Facility Name: VAGA INDUSTRIES
Facility Address: 2505 LOMA AVE
SOUTH EL MONTE, CA 91733
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 3008A
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.057317
Longitude in Decimal Degrees: -118.06920
Permit Type Desc: Not reported
Program System Acronym: 2200003152
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES

VAGA INDUSTRIES (Continued) **1000142725**

Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110000782305

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000142725
Registry ID: 110000782305
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000782305
Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
City,State,Zip: SOUTH EL MONTE, CA 91733

VAGA INDUSTRIES (Continued) **1000142725**

EMI:

Name:	VAGA IND
Address:	2505 LOMA AV
City,State,Zip:	SOUTH EL MONTE, CA
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	15707
Air District Name:	SC
SIC Code:	3599
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VAGA INDUSTRIES
Address:	2505 LOMA AV
City,State,Zip:	SOUTH EL MONTE, CA
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	15707
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VAGA INDUSTRIES
Address:	2505 LOMA AV
City,State,Zip:	SOUTH EL MONTE, CA
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	15707
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

VAGA INDUSTRIES (Continued) **1000142725**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: VAGA INDUSTRIES
Address: 2505 LOMA AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 15707
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: VAGA INDUSTRIES
Address: 2505 LOMA AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 15707
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: VAGA INDUSTRIES
Address: 2505 LOMA AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 15707
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0

VAGA INDUSTRIES (Continued) **1000142725**

Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: VAGA INDUSTRIES
Address: 2505 LOMA AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 15707
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: VAGA INDUSTRIES
Address: 2505 LOMA AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 2001
County Code: 19
Air Basin: SC
Facility ID: 15707
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

LOS ANGELES CO. HMS:
Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 006474-I06694
Facility Type: 01
Facility Status: Closed
Area: 3U

VAGA INDUSTRIES (Continued) **1000142725**

Permit Number: 000006470
Permit Status: Closed

Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 006474-006694
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000083T
Permit Status: Removed

NPDES:
Name: VAGA INDUSTRIES
Address: 2505 LOMA AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility Status: Active
NPDES Number: CAS000001
Region: 4
Agency Number: 0
Regulatory Measure ID: 531318
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 4 19NEC008492
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 02/01/2021
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 2505 Loma Avenue
Discharge Name: Pearson Engineering dba Vaga Industries
Discharge City: South El Monte
Discharge State: California
Discharge Zip: 91733
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

Name: VAGA INDUSTRIES
Address: 2505 LOMA AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 4 19NEC008492

VAGA INDUSTRIES (Continued) **1000142725**

Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 02/01/2021
Operator Name: Pearson Engineering dba Vaga Industries
Operator Address: 2505 Loma Avenue
Operator City: South El Monte
Operator State: California
Operator Zip: 91733

WIP:
Name: VEGA INDUSTRIES
Address: 2505 Loma Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1363
File Status: Historical
Staff: KELLIOTT
Facility Suite: Not reported

284
NW
1/4-1/2
0.297 mi.
1570 ft.

BEN CHERNICK
2737 LEE AVE
EL MONTE, CA 91733

LUST
Cortese
HIST CORTESE
CERS

S101296138
N/A

Relative:
Higher

Actual:
243 ft.

LUST:
Name: BEN CHERNICK
Address: 2737 LEE AVE
City,State,Zip: EL MONTE, CA 91733
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704164
Global Id: T0603704164
Latitude: 34.0609122
Longitude: -118.0674373
Status: Completed - Case Closed
Status Date: 07/06/1992
Case Worker: JOA
RB Case Number: I-14400
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603704164

BEN CHERNICK (Continued) **S101296138**

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704164
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704164
Action Type: Other
Date: 02/08/1990
Action: Leak Discovery

Global Id: T0603704164
Action Type: Other
Date: 02/08/1990
Action: Leak Stopped

Global Id: T0603704164
Action Type: Other
Date: 03/14/1990
Action: Leak Reported

LUST:
Global Id: T0603704164
Status: Open - Case Begin Date
Status Date: 09/21/1988

Global Id: T0603704164
Status: Open - Site Assessment
Status Date: 09/21/1988

Global Id: T0603704164
Status: Open - Site Assessment
Status Date: 10/26/1989

Global Id: T0603704164
Status: Completed - Case Closed
Status Date: 07/06/1992

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-14400

BEN CHERNICK (Continued) **S101296138**

Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704164
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: RUSH ST.
Enforcement Type: 222
Date Leak Discovered: 2/8/1990
Date Leak First Reported: 3/14/1990
Date Leak Record Entered: 4/8/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 2/8/1990
Date Case Last Changed on Database: 7/6/1992
Date the Case was Closed: 7/6/1992
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: CHERNICK, BEN
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 460.67627914013671667511597759
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 9/21/1988
Preliminary Site Assessment Began: 10/26/1989
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 1/1/1965
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: BEN CHERNICK
RP Address: 801 GARFIELD AVE., S., ALHAMBRA, 91801
Program: LUST
Lat/Long: 34.0609122 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CORTESE:
Name: BEN CHERNICK

BEN CHERNICK (Continued) **S101296138**

Address:	2737 LEE AVE
City,State,Zip:	EL MONTE, CA 91733
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603704164
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	BEN CHERNICK
edr_fadd1:	2737 LEE
City,State,Zip:	EL MONTE, CA 91732
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-14400

CERS:

Name:	BEN CHERNICK
Address:	2737 LEE AVE
City,State,Zip:	EL MONTE, CA 91733
Site ID:	256579
CERS ID:	T0603704164
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles

BEN CHERNICK (Continued) **S101296138**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

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285 **North** **1/4-1/2** **0.303 mi.** **1602 ft.**	**CALTRANS - ROSEMEAD DISPOSAL SITE** **, CA**	**LOS ANGELES CO LF METHANE**	**S127127950** **N/A**

Relative: **Higher**
Actual: **245 ft.**

LOS ANGELES CO LF METHANE:

Name:	CALTRANS - ROSEMEAD DISPOSAL SITE
Address:	Not reported
City,State,Zip:	CA
Site Number:	1892
Status:	Not reported
Description:	Not reported
Operator Name:	Not reported
Operator Telephone:	Not reported
Sup District:	1
Shape Length:	313.76073697
Shape Area:	7814.171136
Latitude:	34.063223412
Longitude:	-118.06438905

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286 **SSW** **1/4-1/2** **0.305 mi.** **1610 ft.**	**RAYMOND DOLLAR CORP.** **2206 TROY** **SOUTH EL MONTE, CA 91733**	**CPS-SLIC**	**S101539838** **N/A**

Relative: **Lower**
Actual: **234 ft.**

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0004
Substance:	Not reported
Staff:	Not reported

AN287 **SE** **1/4-1/2** **0.306 mi.** **1616 ft.**	**SQUARE TOOL & MACHINE CO** **9730 FACTORIAL WAY** **SOUTH EL MONTE, CA 91733** **Site 1 of 2 in cluster AN**	**RCRA-SQG** **LUST** **SWEEPS UST** **HIST UST** **FINDS** **ECHO** **Cortese** **HAZNET** **LOS ANGELES CO. HMS** **WIP** **CERS** **HWTS**	**1000155286** **CAD981370547**

Relative: **Higher**
Actual: **245 ft.**

RCRA-SQG:
Date Form Received by Agency: 1996-09-01 00:00:00.0

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Handler Name:	SQUARE TOOL & MACHINE CO
Handler Address:	9730 FACTORIAL WAY
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD981370547
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	9730 FACTORIAL WAY
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2002-06-27 03:24:10.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: HAROLD L RESA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: SQUARE TOOL & MACHINE CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-01-24 00:00:00.0
Handler Name: SQUARE TOOL & MACHINE CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333514
NAICS Description: SPECIAL DIE AND TOOL, DIE SET, JIG, AND FIXTURE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST:
Name: SQUARE TOOL & MACHINE CO INC
Address: 9730 FACTORIAL WY E
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704789
Global Id: T0603704789
Latitude: 34.0540344
Longitude: -118.057711
Status: Completed - Case Closed
Status Date: 02/06/1996
Case Worker: JOA
RB Case Number: R-09220
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603704789

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704789
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704789
Action Type: Other
Date: 09/21/1995
Action: Leak Discovery

Global Id: T0603704789
Action Type: Other
Date: 09/21/1995
Action: Leak Stopped

Global Id: T0603704789
Action Type: Other
Date: 10/11/1995
Action: Leak Reported

LUST:
Global Id: T0603704789
Status: Open - Case Begin Date
Status Date: 09/21/1995

Global Id: T0603704789
Status: Open - Remediation
Status Date: 10/11/1995

Global Id: T0603704789
Status: Completed - Case Closed
Status Date: 02/06/1996

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-09220
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704789
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: POTRERO AVE.
Enforcement Type: Not reported
Date Leak Discovered: 9/21/1995
Date Leak First Reported: 10/11/1995
Date Leak Record Entered: 11/27/1995
Date Confirmation Began: Not reported
Date Leak Stopped: 9/21/1995
Date Case Last Changed on Database: 2/6/1996
Date the Case was Closed: 2/6/1996
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: Structure Failure
Leak Source: Tank
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2753.9600926585930161926467546
Source of Cleanup Funding: Tank
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: 10/11/1995
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: SQUARE TOOL & MACHINE CO INC
RP Address: 9730 FACTORIAL WAY, S. EL MONTE, CA 91733
Program: LUST
Lat/Long: 34.0540344 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: OLD CASENO ’112795-1E’ & ’112995-5’ REPLACED BY THIS RECORD

SWEEPS UST:
Name: SQUARE TOOL & MACHINE CO, INC
Address: 9730 E FACTORIAL WAY
City: SOUTH EL MONTE
Status: Active
Comp Number: 9220

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Number: 9
Board Of Equalization: 44-008365
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009220-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 2

Name: SQUARE TOOL & MACHINE CO, INC
Address: 9730 E FACTORIAL WAY
City: SOUTH EL MONTE
Status: Active
Comp Number: 9220
Number: 9
Board Of Equalization: 44-008365
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009220-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: SQUARE TOOL AND MACHINE CO INC
Address: 9730 FACTORIAL WAY
City,State,Zip: SO EL MONTE, CA 91733
File Number: 00026D36
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026D36.pdf
Region: STATE
Facility ID: 00000003831
Facility Type: Other
Other Type: MACHINE SHOP
Contact Name: KENNETH B. PARKER
Telephone: 8184424457
Owner Name: HAROLD L. RESA
Owner Address: 9730 FACTORIAL WAY
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1974
Tank Capacity: 00010000
Tank Used for: PRODUCT

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110002683784

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000155286
Registry ID: 110002683784
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002683784
Name: SQUARE TOOL & MACHINE CO
Address: 9730 FACTORIAL WAY
City,State,Zip: SOUTH EL MONTE, CA 91733

CORTESE:

Name: SQUARE TOOL & MACHINE CO INC
Address: 9730 FACTORIAL WY E
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603704789
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HAZNET:
Name: SQUARE TOOL & MACHINE CO
Address: 9730 FACTORIAL WAY
Address 2: Not reported
City,State,Zip: S EL MONTE, CA 917330000
Contact: JOLINDA RESA
Telephone: 6264424457
Mailing Name: Not reported
Mailing Address: 16360 LAS CUMBRES DR

Year: 2005
Gepaid: CAD981370547
TSD EPA ID: CAD982444481
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H01 - Transfer Station
Tons: 0.187

Year: 2004
Gepaid: CAD981370547
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: R01 - Recycler
Tons: 11.676

Year: 2004
Gepaid: CAD981370547
TSD EPA ID: CAT080013352
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: -
Tons: 8.4

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAD981696420
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 11.02

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAD008302903
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: R01 - Recycler
Tons: 0.4

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 1.1256

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 1

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: -
Tons: 0.6

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAT080033681
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: R01 - Recycler
Tons: 0.02085

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAT080033681
CA Waste Code: 291 - Latex waste
Disposal Method: R01 - Recycler
Tons: 0.22935

Click this hyperlink while viewing on your computer to access
32 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 1995
Gen EPA ID: CAD981370547

Shipment Date: 19950104
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19950104
Manifest ID: 93696218
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: CAD099452708
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 4.41
Waste Quantity: 1050
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAD981370547

Shipment Date: 20041229
Creation Date: 3/17/2005 18:34:39
Receipt Date: 20041229
Manifest ID: 24020431
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: NONE
Meth Code: - Not reported
Quantity Tons: 8.4
Waste Quantity: 2000
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040212
Creation Date: 1/5/2007 18:31:00
Receipt Date: 20040212
Manifest ID: 22039795
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 11.676
Waste Quantity: 2800
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Year: 1996
Gen EPA ID: CAD981370547

Shipment Date: 19961104
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961106
Manifest ID: 96432443
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 2.502
Waste Quantity: 600
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960314
Creation Date: 10/16/1996 0:00:00
Receipt Date: 19960315
Manifest ID: 96232077
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: CAD099452708
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.0842
Waste Quantity: 260
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAD981370547

Shipment Date: 19991213
Creation Date: 2/1/2000 0:00:00

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Receipt Date: 19991213
Manifest ID: 99530773
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991102
Creation Date: 1/4/2000 0:00:00
Receipt Date: 19991103
Manifest ID: 99514614
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991013
Creation Date: 1/4/2000 0:00:00
Receipt Date: 19991013
Manifest ID: 99328678
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 4.2951
Waste Quantity: 1030
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990920
Creation Date: 10/27/1999 0:00:00
Receipt Date: 19990920
Manifest ID: 99119340
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990809
Creation Date: 9/23/1999 0:00:00
Receipt Date: 19990809
Manifest ID: 99044358
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1176
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990628
Creation Date: 8/16/1999 0:00:00
Receipt Date: 19990628
Manifest ID: 99235621
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990623
Creation Date: 8/19/1999 0:00:00
Receipt Date: 19990623
Manifest ID: 99188688
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 3.4819
Waste Quantity: 835
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990517
Creation Date: 7/7/1999 0:00:00
Receipt Date: 19990517
Manifest ID: 99218481
Trans EPA ID: ILD984908202

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990405
Creation Date: 5/17/1999 0:00:00
Receipt Date: 19990406
Manifest ID: 98788868
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1176
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990318
Creation Date: 5/17/1999 0:00:00
Receipt Date: 19990318
Manifest ID: 98812506
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Meth Code: R01 - Recycler
Quantity Tons: 6.3258
Waste Quantity: 1517
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1997
Gen EPA ID: CAD981370547

Shipment Date: 19971215
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971219
Manifest ID: 97349290
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 342 - Organic liquids with metals (see 121
RCRA Code: D006
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0792
Waste Quantity: 19
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970917
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970917
Manifest ID: 96639917
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 6.6386
Waste Quantity: 1592
Quantity Unit: G
Additional Code 1: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970917
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970919
Manifest ID: 96639918
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.532
Waste Quantity: 140
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970917
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970918
Manifest ID: 96534397
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970917
Creation Date: 3/18/1998 0:00:00
Receipt Date: 19970918
Manifest ID: 96205841

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1425
Waste Quantity: 285
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970917
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970918
Manifest ID: 96534398
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970917
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970918
Manifest ID: 96534391
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1425
Waste Quantity: 285
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970917
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970918
Manifest ID: 96534392
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970917
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970918
Manifest ID: 96534396
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Additional Code 5: Not reported

Shipment Date: 19970521
Creation Date: 7/17/1997 0:00:00
Receipt Date: 19970523
Manifest ID: 96432734
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.0425
Waste Quantity: 250
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAD981370547

Shipment Date: 20030918
Creation Date: 7/13/2004 10:48:19
Receipt Date: 20030918
Manifest ID: 22538662
Trans EPA ID: NJD080631369
Trans Name: ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENVIRONMENTAL SVCS L
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030910
Creation Date: 7/29/2004 7:45:24
Receipt Date: 20030911

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Manifest ID:	22646306
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030910
Creation Date:	8/3/2004 15:00:31
Receipt Date:	20030911
Manifest ID:	22417066
Trans EPA ID:	CAD982440364
Trans Name:	PFR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030910
Creation Date:	8/3/2004 15:00:31
Receipt Date:	20030911
Manifest ID:	22417066
Trans EPA ID:	CAD982440364
Trans Name:	PFR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 0.02085
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030910
Creation Date: 8/3/2004 15:00:31
Receipt Date: 20030911
Manifest ID: 22417066
Trans EPA ID: CAD982440364
Trans Name: PFR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: D/K ENVIRONMENTAL
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030910
Creation Date: 8/3/2004 15:00:31
Receipt Date: 20030918
Manifest ID: 22417098
Trans EPA ID: CAD982440364
Trans Name: PFR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: CLEAN HARBOR ENVIRONMENTL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030910
Creation Date: 7/29/2004 7:45:24
Receipt Date: 20030911
Manifest ID: 22646306
Trans EPA ID: TXR000050930
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1218
Waste Quantity: 29
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030827
Creation Date: 8/2/2004 9:37:42
Receipt Date: 20030828
Manifest ID: 22397537
Trans EPA ID: CAD983615501
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 5.7
Waste Quantity: 1500
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030710
Creation Date: 7/22/2004 9:56:39
Receipt Date: 20030711
Manifest ID: 22880027
Trans EPA ID: TXR000050930
Trans Name: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1344
Waste Quantity: 32
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030630
Creation Date: 7/22/2004 7:52:06
Receipt Date: 20030701
Manifest ID: 22325537
Trans EPA ID: TXR000050930
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0756
Waste Quantity: 18
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAD981370547

Shipment Date: 20021202
Creation Date: 3/16/2007 18:30:20
Receipt Date: 20021203
Manifest ID: 22140423
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021018
Creation Date: 2/18/2003 18:31:24
Receipt Date: 20021018
Manifest ID: 22049457
Trans EPA ID: CAL000827879
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981696420
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.425
Waste Quantity: 375
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021009
Creation Date: 2/18/2003 18:31:24
Receipt Date: 20021018
Manifest ID: 22049384
Trans EPA ID: CAL000827879
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981696420
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 7.7145
Waste Quantity: 1850
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020911
Creation Date: 1/28/2003 18:30:41
Receipt Date: 20020912
Manifest ID: 21935324
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020808
Creation Date: 3/13/2003 18:31:17
Receipt Date: 20020812
Manifest ID: 21749323
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.042
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020731
Creation Date: 1/21/2003 18:30:55
Receipt Date: 20020801
Manifest ID: 21743043
Trans EPA ID: SCR000075150

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0756
Waste Quantity: 18
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020619
Creation Date: 8/5/2002 18:31:21
Receipt Date: 20020620
Manifest ID: 21728317
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.063
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020517
Creation Date: 7/29/2002 18:43:18
Receipt Date: 20020520
Manifest ID: 21597003
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Meth Code: H01 - Transfer Station
Quantity Tons: 0.0966
Waste Quantity: 23
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020510
Creation Date: 7/17/2002 18:35:51
Receipt Date: 20020513
Manifest ID: 21590819
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.147
Waste Quantity: 35
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020326
Creation Date: 7/22/2002 18:31:22
Receipt Date: 20020327
Manifest ID: 21581441
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0924
Waste Quantity: 22
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Additional Info:

Year:	1998
Gen EPA ID:	CAD981370547
Shipment Date:	19981130
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981130
Manifest ID:	98452588
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981103
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981103
Manifest ID:	98593762
Trans EPA ID:	CAD980694848
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	3.7321
Waste Quantity:	895
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981020
Creation Date:	12/8/1998 0:00:00
Receipt Date:	19981020
Manifest ID:	98563746
Trans EPA ID:	ILD984908202

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D006
Meth Code: H01 - Transfer Station
Quantity Tons: 0.252
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980916
Creation Date: 11/2/1998 0:00:00
Receipt Date: 19980916
Manifest ID: 98284146
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D006
Meth Code: H01 - Transfer Station
Quantity Tons: 0.252
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980811
Creation Date: 10/1/1998 0:00:00
Receipt Date: 19980811
Manifest ID: 98273253
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D006

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.189
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980729
Creation Date:	10/1/1998 0:00:00
Receipt Date:	19980729
Manifest ID:	98102687
Trans EPA ID:	CAD980694848
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	3.0232
Waste Quantity:	725
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980706
Creation Date:	9/3/1998 0:00:00
Receipt Date:	19980706
Manifest ID:	98184492
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D006
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.189
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Shipment Date: 19980601
Creation Date: 8/3/1998 0:00:00
Receipt Date: 19980601
Manifest ID: 98173123
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 342 - Organic liquids with metals (see 121
RCRA Code: D006
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2502
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980505
Creation Date: 7/15/1998 0:00:00
Receipt Date: 19980505
Manifest ID: 98106807
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.7514
Waste Quantity: 420
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980420
Creation Date: 6/16/1998 0:00:00
Receipt Date: 19980424
Manifest ID: 97368385
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 342 - Organic liquids with metals (see 121
RCRA Code: D006
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1994
Gen EPA ID: CAD981370547

Shipment Date: 19940729
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940802
Manifest ID: 93313588
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: CAD099452708
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 2.6688
Waste Quantity: 640
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940412
Creation Date: 3/29/1996 0:00:00
Receipt Date: 19950413
Manifest ID: 93696349
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: CAD099452708
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Meth Code: R01 - Recycler
Quantity Tons: 0.834
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2005
Gen EPA ID: CAD981370547

Shipment Date: 20050114
Creation Date: 4/20/2006 18:32:04
Receipt Date: 20050117
Manifest ID: 24204815
Trans EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: NONE
Meth Code: H01 - Transfer Station
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAD981370547

Shipment Date: 20011119
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011120
Manifest ID: 21314799
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Meth Code: H01 - Transfer Station
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011009
Creation Date: 12/17/2001 0:00:00
Receipt Date: 20011010
Manifest ID: 21396573
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011001
Creation Date: 12/17/2001 0:00:00
Receipt Date: Not reported
Manifest ID: 20944205
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 6.46
Waste Quantity: 1700
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Shipment Date:	20010827
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010828
Manifest ID:	21116881
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010716
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010717
Manifest ID:	21103774
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1428
Waste Quantity:	34
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010604
Creation Date:	7/30/2001 0:00:00
Receipt Date:	20010604
Manifest ID:	20646208
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0714
Waste Quantity: 17
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010515
Creation Date: 7/30/2001 0:00:00
Receipt Date: 20010516
Manifest ID: 20792312
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 6.134
Waste Quantity: 1471
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010423
Creation Date: 6/20/2001 0:00:00
Receipt Date: 20010423
Manifest ID: 20631584
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010319
Creation Date: 4/30/2001 0:00:00
Receipt Date: 20010319
Manifest ID: 20619280
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0714
Waste Quantity: 17
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010312
Creation Date: 4/30/2001 0:00:00
Receipt Date: 20010312
Manifest ID: 20615487
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2000
Gen EPA ID: CAD981370547

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Shipment Date:	20001228
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001228
Manifest ID:	20386278
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001218
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001218
Manifest ID:	20386874
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001122
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001122
Manifest ID:	20507807
Trans EPA ID:	CAD980694848
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 4.6912
Waste Quantity: 1125
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001107
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001107
Manifest ID: 20297820
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001003
Creation Date: 11/14/2000 0:00:00
Receipt Date: 20001003
Manifest ID: 20033666
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0336
Waste Quantity: 8
Quantity Unit: G

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000926
Creation Date: 11/14/2000 0:00:00
Receipt Date: 20000926
Manifest ID: 20283090
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.147
Waste Quantity: 35
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000816
Creation Date: 10/23/2000 0:00:00
Receipt Date: 20000816
Manifest ID: 20191445
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1176
Waste Quantity: 28
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000710
Creation Date: 8/14/2000 0:00:00
Receipt Date: 20000710

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Manifest ID: 20180963
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000710
Creation Date: 8/14/2000 0:00:00
Receipt Date: 20000710
Manifest ID: 20180963
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.042
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000630
Creation Date: 9/11/2000 0:00:00
Receipt Date: 20000630
Manifest ID: 20256505
Trans EPA ID: CAD980694848
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 5.2667
Waste Quantity: 1263
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

LOS ANGELES CO. HMS:
Name: SQUARE TOOL & MACHINE CO INC
Address: 9730 FACTORIAL WAY
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009413-009220
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000218T
Permit Status: Removed

WIP:
Name: SQUARE TOOL & MACHINE CO.INC.
Address: 9730 Factorial Way
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0345
File Status: **Historical**
Staff: BPONEK
Facility Suite: Not reported

CERS:
Name: SQUARE TOOL & MACHINE CO INC
Address: 9730 FACTORIAL WY E
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 197468
CERS ID: T0603704789
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)

SQUARE TOOL & MACHINE CO (Continued) **1000155286**

Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

HWTS:

Name:	SQUARE TOOL & MACHINE CO
Address:	9730 FACTORIAL WAY
Address 2:	Not reported
City,State,Zip:	S EL MONTE, CA 917330000
EPA ID:	CAD981370547
Inactive Date:	06/30/2004
Create Date:	04/10/1987
Last Act Date:	05/25/2007
Mailing Name:	Not reported
Mailing Address:	16360 LAS CUMBRES DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	WHITTIER, CA 906030000
Owner Name:	JOLINDA RESA
Owner Address:	16360 LAS CUMBRES DR
Owner Address 2:	Not reported
Owner City,State,Zip:	WHITTIER, CA 906030000
Contact Name:	JOLINDA RESA
Contact Address:	9730 FACTORIAL WAY
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917331798

NAICS:

EPA ID:	CAD981370547
Create Date:	2004-02-05 07:43:56.000
NAICS Code:	333512
NAICS Description:	Machine Tool (Metal Cutting Types) Manufacturing
Issued EPA ID Date:	1987-04-10 00:00:00
Inactive Date:	2004-06-30 15:01:00
Facility Name:	SQUARE TOOL & MACHINE CO
Facility Address:	9730 FACTORIAL WAY
Facility Address 2:	Not reported
Facility City:	S EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917330000

Map ID	Site	Database(s)	EDR ID Number
AN288 SE 1/4-1/2 0.306 mi. 1616 ft.	**SQUARE TOOL & MACHINE CO 9730 FACTORIAL S EL MONTE, CA 91733** **Site 2 of 2 in cluster AN**	**HIST CORTESE**	**S103989053 N/A**

Relative: Higher

Actual: 245 ft.

HIST CORTESE:

edr_fname:	SQUARE TOOL & MACHINE CO
edr_fadd1:	9730 FACTORIAL
City,State,Zip:	S EL MONTE, CA 91733
Region:	CORTESE

SQUARE TOOL & MACHINE CO (Continued) **S103989053**

Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-09220

AM289
NNW
1/4-1/2
0.309 mi.
1634 ft.

CALTRANS ROSEMEAD DS
NE CORNER ROSEMEAD BLVD. AND GARVEY AVE.
SOUTH EL MONTE, CA 91733

SWF/LF **S106079130**
CERS **N/A**

Site 2 of 4 in cluster AM

Relative:
Higher

Actual:
245 ft.

SWF/LF (SWIS):

Name:	CALTRANS ROSEMEAD DS
Address:	NE CORNER ROSEMEAD BLVD. AND GARVEY AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility ID:	19-AA-5066
SWIS Number:	19-AA-5066
Point of Contact:	Dawn Liang
Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	C1
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Los Angeles
Local Government:	South El Monte
Reporting Agency Legal Name:	County of Los Angeles
Reporting Agency Department:	Department of Public Health
Enforcing Agency Legal Name:	County of Los Angeles
Enforcing Agency Department:	Department of Public Health
Regulation Status:	Unpermitted

Activity:

SWIS Number:	19-AA-5066
Site Name:	Caltrans Rosemead DS
Activity:	Solid Waste Disposal Site
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Disposal Site
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	12/31/1977
Cease Operation Type:	Estimated
Inspection Frequency:	Annual
Throughput:	Not reported
Throughput Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	1
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported

CALTRANS ROSEMEAD DS (Continued) **S106079130**

Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Dawn Liang
Site Operational Status:	Closed
Site Regulatory Status:	Unpermitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	C1
EPA Federal Registry ID:	Not reported
County:	Los Angeles
ARB District:	South Coast
SWRCB Region:	Los Angeles
Local Government:	South El Monte
Street Address:	NE Corner Rosemead Blvd. and Garvey Ave.
City:	South El Monte
State:	CA
ZIP Code:	91733
Reporting Agency Legal Name:	County of Los Angeles
Reporting Agency Department:	Department of Public Health
Enforcing Agency Legal Name:	County of Los Angeles
Enforcing Agency Department:	Department of Public Health

Owner:

SWIS Number:	19-AA-5066
Owner:	Glenborough Operating Company Limited
Owner Address:	400 S El Camino Real
Owner City:	San Mateo
Owner State:	CA
Owner Zip:	94402
Site Name:	Caltrans Rosemead DS
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Unpermitted
Latitude:	34.06314
Longitude:	-118.06521
Is Archived:	No
Started On:	11/19/2003
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported

CERS:

Name:	CALTRANS ROSEMEAD DS
Address:	NE CORNER ROSEMEAD BLVD. AND GARVEY AVE.
City,State,Zip:	SOUTH EL MONTE, CA
Site ID:	507436
CERS ID:	19-AA-5066
CERS Description:	Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc:	Legal Owner

CALTRANS ROSEMEAD DS (Continued) **S106079130**

Entity Name: Glenborough Operating Company Limited
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94402
Affiliation Phone: Not reported

AM290 **MOBIL #11-MW** **LUST** **S102433631**
NNW **9401 GARVEY AVE E** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733**
0.311 mi.
1640 ft. **Site 3 of 4 in cluster AM**

Relative: Higher

Actual: 245 ft.

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-01946
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603702817
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 7/8/1986
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 2/9/1995
Date the Case was Closed: 2/9/1995
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1013.47339662870455504341428333
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 11/15/1989
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: 9/10/2003
Hist Max MTBE Conc in Groundwater: 691

MOBIL #11-MW (Continued) **S102433631**

Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: =
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MOBIL OIL CORPORATION
RP Address: PO BOX 2122, 612 FLOWER ST, LOS ANGELES, CA 90051
Program: LUST
Lat/Long: 34.0628351 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

AM291	**MOBIL #18-MWJ**	**LUST**	**S109426509**
NNW	**9401 GARVEY AVE.**	**Cortese**	**N/A**
1/4-1/2	**SOUTH EL MONTE, CA 91733**	**CERS**	
0.311 mi.			
1640 ft.	**Site 4 of 4 in cluster AM**		

Relative: **Higher**

Actual: **245 ft.**

LUST:
Name: MOBIL #18-MWJ
Address: 9401 GARVEY AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733-1013
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603758039
Global Id: T0603758039
Latitude: 34.063161
Longitude: -118.065102
Status: Completed - Case Closed
Status Date: 06/09/2017
Case Worker: AJL
RB Case Number: I-01946A
Local Agency: LOS ANGELES COUNTY
File Location: Regional Board
Local Case Number: 01871-01946
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603758039
Contact Type: Regional Board Caseworker
Contact Name: AHMAD J. LAMAA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 West 4th Street Suite 200
City: Los Angeles
Email: alamaa@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603758039
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO

MOBIL #18-MWJ (Continued) **S109426509**

Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

LUST:

Global Id: T0603758039
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603758039
Action Type: RESPONSE
Date: 02/14/2017
Action: Well Destruction Report

Global Id: T0603758039
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 07/15/2005
Action: Other Report / Document

Global Id: T0603758039
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603758039
Action Type: ENFORCEMENT
Date: 05/27/2010
Action: Staff Letter

Global Id: T0603758039
Action Type: RESPONSE
Date: 01/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603758039
Action Type: RESPONSE
Date: 01/12/2006
Action: Soil and Water Investigation Report

Global Id: T0603758039
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

MOBIL #18-MWJ (Continued) **S109426509**

Global Id: T0603758039
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603758039
Action Type: ENFORCEMENT
Date: 06/06/2005
Action: Staff Letter

Global Id: T0603758039
Action Type: ENFORCEMENT
Date: 08/24/2005
Action: Staff Letter

Global Id: T0603758039
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 10/15/2005
Action: Soil and Water Investigation Workplan

Global Id: T0603758039
Action Type: RESPONSE
Date: 04/27/2007
Action: Well Installation Report

Global Id: T0603758039
Action Type: RESPONSE
Date: 03/03/2013
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0603758039
Action Type: ENFORCEMENT
Date: 11/08/2005
Action: Staff Letter

Global Id: T0603758039
Action Type: ENFORCEMENT
Date: 11/03/2015
Action: Notification - Public Participation Document

Global Id: T0603758039
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE

MOBIL #18-MWJ (Continued) **S109426509**

Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 08/13/2007
Action: CAP/RAP - Feasibility Study Report

Global Id: T0603758039
Action Type: ENFORCEMENT
Date: 03/07/2016
Action: State Water Board Closure Order

Global Id: T0603758039
Action Type: ENFORCEMENT
Date: 06/09/2017
Action: Closure/No Further Action Letter

Global Id: T0603758039
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 04/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603758039
Action Type: RESPONSE
Date: 10/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 10/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 04/09/2015
Action: Request for Closure - Regulator Responded

MOBIL #18-MWJ (Continued) **S109426509**

Global Id: T0603758039
Action Type: Other
Date: 05/10/2001
Action: Leak Discovery

Global Id: T0603758039
Action Type: Other
Date: 05/10/2001
Action: Leak Reported

Global Id: T0603758039
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 03/06/2007
Action: CAP/RAP - Feasibility Study Report

Global Id: T0603758039
Action Type: RESPONSE
Date: 04/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 10/10/2016
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0603758039
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE
Date: 07/01/2008
Action: Well Installation Workplan

Global Id: T0603758039
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603758039
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603758039
Action Type: RESPONSE

MOBIL #18-MWJ (Continued) **S109426509**

Date:	01/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Conceptual Site Model
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Remedial Progress Report
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	04/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	07/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	07/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	07/15/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	01/15/2015
Action:	Monitoring Report - Quarterly
Global Id:	T0603758039
Action Type:	REMEDIATION
Date:	07/15/2009
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	04/15/2015
Action:	Monitoring Report - Quarterly
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	10/15/2015
Action:	Monitoring Report - Quarterly
Global Id:	T0603758039
Action Type:	RESPONSE
Date:	01/15/2011
Action:	Monitoring Report - Semi-Annually

MOBIL #18-MWJ (Continued) **S109426509**

Global Id: T0603758039
Action Type: ENFORCEMENT
Date: 06/03/2009
Action: Staff Letter

Global Id: T0603758039
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

LUST:
Global Id: T0603758039
Status: Open - Case Begin Date
Status Date: 09/14/1995

Global Id: T0603758039
Status: Open - Site Assessment
Status Date: 05/10/2001

Global Id: T0603758039
Status: Open - Site Assessment
Status Date: 10/18/2005

Global Id: T0603758039
Status: Open - Site Assessment
Status Date: 01/12/2006

Global Id: T0603758039
Status: Open - Assessment & Interim Remedial Action
Status Date: 04/16/2015

Global Id: T0603758039
Status: Open - Eligible for Closure
Status Date: 06/15/2015

Global Id: T0603758039
Status: Open - Eligible for Closure
Status Date: 03/07/2016

Global Id: T0603758039
Status: Completed - Case Closed
Status Date: 06/09/2017

CORTESE:
Name: MOBIL #18-MWJ
Address: 9401 GARVEY AVE.
City,State,Zip: SOUTH EL MONTE, CA
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603758039
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported

MOBIL #18-MWJ (Continued) **S109426509**

Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	MOBIL #18-MWJ
Address:	9401 GARVEY AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733-1013
Site ID:	201115
CERS ID:	T0603758039
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	AHMAD J. LAMAA - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 West 4th Street Suite 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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292 **SSE** **1/4-1/2** **0.320 mi.** **1689 ft.**	**SHIELD CHEMICALS INC.** **2026 CHICO AVE.** **SOUTH EL MONTE, CA 91733**	**CPS-SLIC** **LA Co. Site Mitigation** **CERS**	**S102949176** **N/A**

Relative: **Lower**

Actual: **239 ft.**

CPS-SLIC:

Name:	SHIELD CHEMICALS INC.
Address:	2026 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	09/08/2020
Global Id:	SL603798749

SHIELD CHEMICALS INC. (Continued) **S102949176**

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.052548020329
Longitude:	-118.059671543655
Case Type:	Cleanup Program Site
Case Worker:	SLH
Local Agency:	Not reported
RB Case Number:	107.0453
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LA Co. Site Mitigation:

Name:	SHIELD CHEMICALS
Address:	2026 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility ID:	FA0007401
Status:	Not reported
Site ID:	SD0010265
Jurisdiction:	County
Case ID:	RO0010265
Abated:	Yes
Assigned To:	SC
Entered Date:	05/11/2004
Abated Date:	07/20/1995

CERS:

Name:	SHIELD CHEMICALS INC.
Address:	2026 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	261099
CERS ID:	SL603798749
CERS Description:	Cleanup Program Site

293
ESE
1/4-1/2
0.340 mi.
1797 ft.

SEACHROME CORPORATION
9831 KLINGERMAN ST
SOUTH EL MONTE, CA 91733

Database(s): **CPS-SLIC, HIST UST, EMI, ENF, WIP, CERS**

EDR ID Number: **U001569494**
EPA ID Number: **N/A**

Relative: Higher

Actual: 252 ft.

CPS-SLIC:

Name:	SEACHROME CORPORATION
Address:	9831 KLINGERMAN ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	05/25/2016
Global Id:	SL603798731
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.055705774751
Longitude:	-118.05466035582
Case Type:	Cleanup Program Site

SEACHROME CORPORATION (Continued) **U001569494**

Case Worker:	SM
Local Agency:	Not reported
RB Case Number:	107.0331
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Seachrome Corporation was a manufacturer of bathroom hardware and metal furniture with plating and electroplating processes including hexavalent chromium plating in the City of South El Monte from the mid-1940s to 1998. VOCs, 1,4-dioxane and hexavalent chromium are chemicals of concern at the site.

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	SEACHROME CORPORATION
Address:	9831 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	0002823D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002823D.pdf
Region:	STATE
Facility ID:	00000041262
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	SAM C. LONGO
Telephone:	8184423380
Owner Name:	SEACHROME CORPORATION
Owner Address:	9831 KLINGERMAN ST.
Owner City,St,Zip:	SOUTH EL MONTE, CA 91733
Total Tanks:	0001

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000150
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6"
Leak Detection:	Visual

Tank Num:	002
Container Num:	#1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	4
Leak Detection:	Visual, Stock Inventor

Click here for Geo Tracker PDF:

EMI:

Name:	SEACHROME CORP
Address:	9831 KLINGERMAN ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Year:	1987

SEACHROME CORPORATION (Continued) **U001569494**

County Code: 19
Air Basin: SC
Facility ID: 42818
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SEACHROME CORP
Address: 9831 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 42818
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SEACHROME CORP
Address: 9831 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 42818
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SEACHROME CORP

SEACHROME CORPORATION (Continued) **U001569494**

Address: 9831 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1996
County Code: 19
Air Basin: SC
Facility ID: 42818
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SEACHROME CORP
Address: 9831 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 42818
Air District Name: SC
SIC Code: 3429
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SEACHROME CORP
Address: 9831 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 42818
Air District Name: SC
SIC Code: 3429
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

SEACHROME CORPORATION (Continued) **U001569494**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SEACHROME CORP
Address: 9831 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 42818
Air District Name: SC
SIC Code: 3429
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SEACHROME CORP
Address: 9831 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 42818
Air District Name: SC
SIC Code: 3429
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SEACHROME CORP
Address: 9831 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2001
County Code: 19
Air Basin: SC
Facility ID: 42818
Air District Name: SC
SIC Code: 3429
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

SEACHROME CORPORATION (Continued) **U001569494**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

ENF:

Name:	SEACHROME CORPORATION
Address:	9831 KLINGERMAN
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	256124
Agency Name:	Seachrome Corporation
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.055478
Place Longitude:	-118.054738
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070331
Reg Measure Id:	153373
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported

SEACHROME CORPORATION (Continued) **U001569494**

Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 244356
Region: 4
Order / Resolution Number: NOV
Enforcement Action Type: Notice of Violation
Effective Date: 04/17/2003
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 04/17/2003
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 4WIP1070331
Description: NOV sent 4/17/03 for overdue emergent chemical survey report.
Program: WIP
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0

WIP:
Name: SEACHROME CORPORATION
Address: 9831 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0331
File Status: Backlog
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: SEACHROME CORPORATION
Address: 9831 KLINGERMAN ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 242220
CERS ID: SL603798731

SEACHROME CORPORATION (Continued) **U001569494**

CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: SHERVIN MILANI - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766705

Name: SEACHROME CORPORATION
Address: 9831 KLINGERMAN STREET
City,State,Zip: SOUTH EL MONTE, CA 91733-1897
Site ID: 493180
CERS ID: 110002716222
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: SAM C LONGO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: SAM LONGO
Entity Title: Not reported
Affiliation Address: 939 N VERNON AVE
Affiliation City: AZUSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AO294
SW
1/4-1/2
0.352 mi.
1856 ft.

ZACKY FOODS CO
2325 LOMA AVE N
SOUTH EL MONTE, CA 91733

Site 1 of 3 in cluster AO

LUST **S111711317**
CERS **N/A**

Relative: **Lower**
Actual: **233 ft.**

LUST:
Name: ZACKY FOODS CO
Address: 2325 LOMA AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603792888
Global Id: T0603792888
Latitude: 34.055205
Longitude: -118.069194

ZACKY FOODS CO (Continued) **S111711317**

Status: Completed - Case Closed
Status Date: 07/24/2001
Case Worker: IEO
RB Case Number: R-03835
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603792888
Contact Type: Local Agency Caseworker
Contact Name: IHEANACHO OFO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: iofo@dpw.lacounty.gov
Phone Number: 6264583512

Global Id: T0603792888
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603792888
Action Type: Other
Date: 08/01/2000
Action: Leak Discovery

Global Id: T0603792888
Action Type: Other
Date: 10/04/2000
Action: Leak Reported

LUST:
Global Id: T0603792888
Status: Open - Case Begin Date
Status Date: 08/01/2000

Global Id: T0603792888
Status: Open - Site Assessment
Status Date: 08/01/2000

Global Id: T0603792888
Status: Completed - Case Closed
Status Date: 07/24/2001

CERS:

ZACKY FOODS CO (Continued) **S111711317**

Name:	ZACKY FOODS CO
Address:	2325 LOMA AVE N
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	204323
CERS ID:	T0603792888
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	IHEANACHO OFO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583512

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AO295	**ZACKY FOODS CO**	**Cortese**	**S125984462**
SW	**2325 LOMA AVE N**		**N/A**
1/4-1/2	**SOUTH EL MONTE, CA 91733**		
0.352 mi.			
1856 ft.	**Site 2 of 3 in cluster AO**		

Relative: **Lower**

Actual: **233 ft.**

CORTESE:

Name:	ZACKY FOODS CO
Address:	2325 LOMA AVE N
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603792888
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported

ZACKY FOODS CO (Continued) **S125984462**

Waste Management Uit Name: Not reported
File Name: Active Open

AO296 **SW** **1/4-1/2** **0.352 mi.** **1856 ft.**	**ZACKY FARMS** **2325 S LOMA ST** **EL MONTE, CA 91733** **Site 3 of 3 in cluster AO**	**RCRA-SQG** **LUST** **SWEEPS UST** **HIST UST** **FINDS** **ECHO** **WDS**	**1000273364** **CAD981672876**

Relative:
Lower

Actual:
233 ft.

RCRA-SQG:

Date Form Received by Agency:	1986-11-19 00:00:00.0
Handler Name:	ZACKY FARMS
Handler Address:	2325 S LOMA ST
Handler City,State,Zip:	EL MONTE, CA 91733
EPA ID:	CAD981672876
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2325 S LOMA ST
Contact City,State,Zip:	EL MONTE, CA 91733
Contact Telephone:	818-401-4253
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	S LOMA ST
Mailing City,State,Zip:	EL MONTE, CA 91733
Owner Name:	AL & BOB ZACKY
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN

ZACKY FARMS (Continued) **1000273364**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AL & BOB ZACKY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

ZACKY FARMS (Continued) **1000273364**

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1986-11-19 00:00:00.0
Handler Name: ZACKY FARMS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-03835
Status: Leak being confirmed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: ED OT
Global ID: T0603792888
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: KLINGERMAN ST
Enforcement Type: Not reported
Date Leak Discovered: 8/1/2000
Date Leak First Reported: 10/4/2000
Date Leak Record Entered: Not reported
Date Confirmation Began: 8/1/2000
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 10/4/2000
Date the Case was Closed: Not reported
How Leak Discovered: Repair Tank

ZACKY FARMS (Continued) **1000273364**

How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Tank
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1814.4837233879825555360381755
Source of Cleanup Funding: Tank
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: ZACKY & SON POULTRY CO
RP Address: P.O. BOX 8014, SOUTH EL MONTE, CA 91733
Program: LUST
Lat/Long: 34.05461 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:
Name: ZACKY&SONS POULTRY CO
Address: 2325 N LOMA AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 3835
Number: 9
Board Of Equalization: 44-007769
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-003835-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Name: ZACKY&SONS POULTRY CO

ZACKY FARMS (Continued) **1000273364**

Address: 2325 N LOMA AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 3835
Number: 9
Board Of Equalization: 44-007769
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-003835-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: ZACKY&SONS POULTRY CO
Address: 2325 N LOMA AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 3835
Number: 9
Board Of Equalization: 44-007769
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-003835-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: ZACKY FOODS
Address: 2325 LOMA AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000055932
Facility Type: Gas Station
Other Type: Not reported
Contact Name: DON PENNINGTON
Telephone: 2137246371
Owner Name: ZACKY FOODS
Owner Address: 6104 E. SHEILA
Owner City,St,Zip: COMMERCE, CA 90040
Total Tanks: 0007

Tank Num: 001

ZACKY FARMS (Continued) **1000273364**

Container Num: 1
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 006
Container Num: 6
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 007
Container Num: 7
Year Installed: Not reported
Tank Capacity: 00005000

ZACKY FARMS (Continued) **1000273364**

Tank Used for: WASTE
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

FINDS:

Registry ID: 110002745281

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000273364
Registry ID: 110002745281
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002745281
Name: ZACKY FARMS
Address: 2325 S LOMA ST
City,State,Zip: EL MONTE, CA 91733

WDS:

Name: ZACKY FOODS
Address: 2325 S LOMA St
City: EL MONTE
Facility ID: 4 19I004628
Facility Type: ?
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: ZACKY FARMS
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported

ZACKY FARMS (Continued) **1000273364**

Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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297 **NNW** **1/4-1/2** **0.356 mi.** **1879 ft.**	**CALTRANS - ROSEMEAD DISPOSAL SITE** **3000 ROSEMEAD BOULEVARD** **SOUTH EL MONTE, CA 91733**	**SWF/LF**	**S111075816** **N/A**

Relative: **Higher**

Actual: **244 ft.**

LOS ANGELES CO. LF:
Name: CALTRANS - ROSEMEAD DISPOSAL SITE
Address: 3000 ROSEMEAD BOULEVARD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 1892
Alt. Site Name: California State Highway Dump
Alt. Address: Not reported
Site Contact: Not reported
Site Contact Phone: Not reported
Site Email: Not reported
Site Website: Not reported
Site Type: Unknown
Site SWIS Number: 19-AA-5066
Beginning Operation Date: 1960
Ending Operation Date: Dec-77
Local Enforcement Agency: County Public Health
Maximun Depth Fill(Ft): Not reported
Permitted Capacity: Not reported
Present Use: Commercial; Residential
Remaining Capacity(Million): Not reported
Status: Closed
Waste Accepted: Inert
Hours of Operation: Not reported
Disposal Area (Acre): 93

Detail As Of 01/2014:
Operator Name: Unknown
Operator Address: Not reported
Operator City/State/Zip: Not reported
Operator Contact: Not reported
Operator Telephone: Not reported

CALTRANS - ROSEMEAD DISPOSAL SITE (Continued) **S111075816**

Operator Email: Not reported
Owner Name: Glenborough Operating Company Limited
Owner Address: 400 Sout El Camino Real
Owner City/State/Zip: San Mateo, CA 94402
Owner Contact: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
District: 1
Site Mailing Address: Not reported

AP298	**UNIVERSAL EXHIBITS**	**CPS-SLIC**	**S106765218**
SSE	**9517 RUSH ST.**	**WIP**	**N/A**
1/4-1/2	**EL MONTE, CA 91733**		
0.363 mi.			
1914 ft.	**Site 1 of 6 in cluster AP**		

Relative: **Lower**

Actual: **236 ft.**

CPS-SLIC:

Name: UNIVERSAL EXHIBITS
Address: 9517 RUSH ST.
City,State,Zip: EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 06/05/1987
Global Id: T10000016121
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.05278
Longitude: -118.06136
Case Type: Cleanup Program Site
Case Worker: WIP
Local Agency: Not reported
RB Case Number: 107.0124
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name: UNIVERSAL EXHIBITS
Address: 9517 Rush St
City,State,Zip: EL MONTE, CA 91733
Region: 4
File Number: 107.0124
File Status: **Historical**
Staff: BPONEK
Facility Suite: Not reported

AP299	**GILMORE LIQUID AIR COMPANY**	**CPS-SLIC**	**U001569461**
SSE	**9503 RUSH ST**	**HIST UST**	**N/A**
1/4-1/2	**SOUTH EL MONTE, CA 91733**	**WIP**	
0.363 mi.			
1914 ft.	**Site 2 of 6 in cluster AP**		

Relative: **Lower**

Actual: **236 ft.**

CPS-SLIC:

Name:	GILMORE LIQUID AIR COMPANY
Address:	9503 RUSH ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/05/1987
Global Id:	T10000016141
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.05206
Longitude:	-118.06201
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	107.0161
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	GILMORE LIQUID AIR COMPANY
Address:	9503 RUSH ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000003954
Facility Type:	Other
Other Type:	Not reported
Contact Name:	VIRGINIA M. GREGORY
Telephone:	7146299423
Owner Name:	GILMORE LIQUID AIR COMPANY
Owner Address:	9503 E. RUSH ST.
Owner City,St,Zip:	SOUTH EL MONTE, CA 91733
Total Tanks:	0001

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000950
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

WIP:

Name:	GILMORE LIQUID AIR COMPANY
Address:	9503 Rush St

GILMORE LIQUID AIR COMPANY (Continued) **U001569461**

City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0161
File Status: Historical
Staff: GMM
Facility Suite: Not reported

AP300 **GILMORE LIQUID AIR CO.** **LUST** **S101298167**
SSE **9503 RUSH ST E** **Cortese** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91773** **HIST CORTESE**
0.363 mi.
1914 ft. **Site 3 of 6 in cluster AP**

Relative: Lower

Actual: 236 ft.

LUST:
Name: GILMORE LIQUID AIR CO.
Address: 9503 RUSH ST E
City,State,Zip: SOUTH EL MONTE, CA 91773
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703833
Global Id: T0603703833
Latitude: 34.052325
Longitude: -118.062052
Status: Completed - Case Closed
Status Date: 02/14/1995
Case Worker: JOA
RB Case Number: I-11693
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603703833
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703833
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603703833
Action Type: Other
Date: 11/29/1989
Action: Leak Discovery

GILMORE LIQUID AIR CO. (Continued) **S101298167**

Global Id: T0603703833
Action Type: Other
Date: 11/29/1989
Action: Leak Stopped

Global Id: T0603703833
Action Type: Other
Date: 05/04/1990
Action: Leak Reported

LUST:
Global Id: T0603703833
Status: Open - Case Begin Date
Status Date: 11/21/1989

Global Id: T0603703833
Status: Open - Site Assessment
Status Date: 11/21/1989

Global Id: T0603703833
Status: Completed - Case Closed
Status Date: 02/14/1995

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-11693
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603703833
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: ROSEMEAD
Enforcement Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Date Leak Discovered: 11/29/1989
Date Leak First Reported: 5/4/1990
Date Leak Record Entered: 6/12/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 11/29/1989
Date Case Last Changed on Database: 2/14/1995
Date the Case was Closed: 2/14/1995
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: GILMORE, JIM
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1596.9089935743419553949438311

GILMORE LIQUID AIR CO. (Continued) **S101298167**

Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 11/21/1989
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 1/1/1965
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: GILMORE LIQUID AIR CO.
RP Address: 9503 E. RUSH ST., SOUTH EL MONTE, CA 91773
Program: LUST
Lat/Long: 34.0519365 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CORTESE:
Name: GILMORE LIQUID AIR CO.
Address: 9503 RUSH ST E
City,State,Zip: SOUTH EL MONTE, CA 91773
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603703833
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: GILMORE LIQUID AIR CO.

GILMORE LIQUID AIR CO. (Continued) **S101298167**

edr_fadd1: 9503 RUSH
City,State,Zip: SOUTH EL MONTE, CA 91773
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-11693

AQ301
SSE
1/4-1/2
0.370 mi.
1955 ft.

ACTION GRAPHIC ARTS, INC.
9635 RUSH ST
SOUTH EL MONTE, CA 91733

Site 1 of 5 in cluster AQ

CPS-SLIC
HIST UST
WIP

U001569430
N/A

Relative:
Lower

Actual:
239 ft.

CPS-SLIC:

Name: ACTION GRAPHIC ARTS, INC.
Address: 9635 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 06/05/1987
Global Id: T10000016059
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.05205
Longitude: -118.05881
Case Type: Cleanup Program Site
Case Worker: WIP
Local Agency: Not reported
RB Case Number: 107.0013
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name: ACTION GRAPHIC ARTS, INC.
Address: 9635 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000003752
Facility Type: Other
Other Type: LITHO PHOTO
Contact Name: DENNIS K. WARD
Telephone: 8184433113
Owner Name: ACTION GRAPHIC ARTS, INC.
Owner Address: 9635 RUSH STREET
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0000

Tank Num: 001
Container Num: 1
Year Installed: 1977
Tank Capacity: 00001000

ACTION GRAPHIC ARTS, INC. (Continued) **U001569430**

Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/8
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1977
Tank Capacity: 00000275
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 3/8
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: 1977
Tank Capacity: 00000275
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 3/8
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: 1977
Tank Capacity: 00000275
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 3/8
Leak Detection: None

Tank Num: 005
Container Num: 5
Year Installed: 1977
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/2
Leak Detection: None

WIP:
Name: ACTION GRAPHIC ARTS, INC.
Address: 9635 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0013
File Status: **Historical**
Staff: BPONEK
Facility Suite: Not reported

302 **RICHARD DEPIFANIO** **CPS-SLIC** **S106484541**
NE **3013 POTRERO AVE** **ENF** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733** **HAZNET**
0.371 mi. **WIP**
1958 ft. **CERS**
HWTS

Relative:
Higher

Actual:
255 ft.

CPS-SLIC:

Name:	PALMER BATTERY(RU-MORE)
Address:	3013 POTRERO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/21/2009
Global Id:	SL603798727
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.063294
Longitude:	-118.05606
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.0314
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	PALMER BATTERY (RU-MORE BATTERIES)
Address:	3013 POTRERO AVENUE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	247449
Agency Name:	Palmer Battery (Ru-More Batteries)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.0644
Place Longitude:	-118.055815
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported

RICHARD DEPIFANIO (Continued) **S106484541**

Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070314
Reg Measure Id:	153483
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	248261
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	05/15/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/29/2008
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 5/15/02 for FTS 3 groundwater monitoring reports required by CAO 98-056
Description:	Notice of Violation sent 5/15/02 for FTS 3 groundwater monitoring reports as required by CAO No. 98-056.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0

RICHARD DEPIFANIO (Continued) **S106484541**

Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PALMER BATTERY (RU-MORE BATTERIES)
Address:	3013 POTRERO AVENUE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	247449
Agency Name:	Palmer Battery (Ru-More Batteries)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.0644
Place Longitude:	-118.055815
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070314
Reg Measure Id:	153483
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported

RICHARD DEPIFANIO (Continued) **S106484541**

Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	235787
Region:	4
Order / Resolution Number:	R4-1998-0056
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	07/10/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/10/1998
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CAO 98-056 issued 7/10/98 - Schedule for assessment & cleanup.
Description:	Cleanup & Abatement Order No. 98-056 issued 7/10/98 contains a time schedule to clean up the soil at the facility, & conduct periodic groundwater monitoring.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PALMER BATTERY (RU-MORE BATTERIES)
Address:	3013 POTRERO AVENUE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	247449
Agency Name:	Palmer Battery (Ru-More Batteries)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.0644
Place Longitude:	-118.055815
SIC Code 1:	Not reported
SIC Desc 1:	Not reported

RICHARD DEPIFANIO (Continued) **S106484541**

SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070314
Reg Measure Id:	153483
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	230007
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	03/08/2000
Adoption/Issuance Date:	Not reported

RICHARD DEPIFANIO (Continued) **S106484541**

Achieve Date:	Not reported
Termination Date:	05/14/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 3/8/00 for FTS 4 groundwater monitoring reports required by CAO 98-056.
Description:	Notice of Violation sent 3/8/00 for FTS 4 groundwater monitoring reports as required by CAO No. 98-056.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PALMER BATTERY (RU-MORE BATTERIES)
Address:	3013 POTRERO AVENUE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	247449
Agency Name:	Palmer Battery (Ru-More Batteries)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.0644
Place Longitude:	-118.055815
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING

RICHARD DEPIFANIO (Continued) **S106484541**

Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070314
Reg Measure Id:	153483
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	229171
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	07/27/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/14/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 7/27/99 for failure to notify Board that RAP has been implemented.
Description:	Notice of Violation sent 7/27/99 for failure to notify Board that RAP has been implemented as required by CAO No. 98-056.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PALMER BATTERY (RU-MORE BATTERIES)

RICHARD DEPIFANIO (Continued) **S106484541**

Address:	3013 POTRERO AVENUE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	247449
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.0644
Place Longitude:	-118.055815
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	MONITORING
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

RICHARD DEPIFANIO (Continued) **S106484541**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	361987
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	10/30/2008
Adoption/Issuance Date:	10/30/2008
Achieve Date:	Not reported
Termination Date:	10/30/2008
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 10/30/08 for 2 overdue groundwater monitoring reports.
Description:	NOV sent 10/30/08 for 2 overdue groundwater monitoring reports (Due 9/30/02 & 12/31/02).
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HAZNET:

Name:	RICHARD DEPIFANIO
Address:	3013 POTRERO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
Contact:	--
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	3013 Potrero Ave

Year:	1999
Gepaid:	CAP000049353
TSD EPA ID:	CAD099452708
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	1.668

Year:	1999
Gepaid:	CAP000049353
TSD EPA ID:	CAD000088252
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H01 - Transfer Station
Tons:	0.5

RICHARD DEPIFANIO (Continued) **S106484541**

Year:	1999
Gepaid:	CAP000049353
TSD EPA ID:	CAD000088252
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.85
Year:	1999
Gepaid:	CAP000049353
TSD EPA ID:	CAD000088252
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H01 - Transfer Station
Tons:	0.756
Year:	1999
Gepaid:	CAP000049353
TSD EPA ID:	CAD000088252
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	0.2

Additional Info:

Year:	1999
Gen EPA ID:	CAP000049353
Shipment Date:	19990304
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19990304
Manifest ID:	98070915
Trans EPA ID:	CA0000904540
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.668
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990225
Creation Date:	5/4/1999 0:00:00
Receipt Date:	19990301
Manifest ID:	98070895
Trans EPA ID:	CA0000904540
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

RICHARD DEPIFANIO (Continued) **S106484541**

Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.5
Waste Quantity: 1000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990225
Creation Date: 5/4/1999 0:00:00
Receipt Date: 19990301
Manifest ID: 98070895
Trans EPA ID: CA0000904540
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D018
Meth Code: H01 - Transfer Station
Quantity Tons: 0.85
Waste Quantity: 250
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990225
Creation Date: 5/4/1999 0:00:00
Receipt Date: 19990301
Manifest ID: 98070896
Trans EPA ID: CA0000904540
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.42

RICHARD DEPIFANIO (Continued) **S106484541**

Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990225
Creation Date: 5/4/1999 0:00:00
Receipt Date: 19990301
Manifest ID: 98070896
Trans EPA ID: CA0000904540
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990225
Creation Date: 5/4/1999 0:00:00
Receipt Date: 19990301
Manifest ID: 98070895
Trans EPA ID: CA0000904540
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990225

RICHARD DEPIFANIO (Continued) **S106484541**

Creation Date:	5/4/1999 0:00:00
Receipt Date:	19990301
Manifest ID:	98070896
Trans EPA ID:	CA0000904540
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WIP:

Name:	PALMER BATTERY(RU-MORE)
Address:	3013 Potrero Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0314
File Status:	**Active**
Staff:	CORTEZ
Facility Suite:	Not reported

CERS:

Name:	PALMER BATTERY(RU-MORE)
Address:	3013 POTRERO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	232102
CERS ID:	SL603798727
CERS Description:	Cleanup Program Site

HWTS:

Name:	RICHARD DEPIFANIO
Address:	3013 POTRERO AVE
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
EPA ID:	CAP000049353
Inactive Date:	09/11/2001
Create Date:	06/05/2000
Last Act Date:	09/11/2001
Mailing Name:	Not reported
Mailing Address:	3013 Potrero Ave
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917330000
Owner Name:	RICHARD DEPIFANIO
Owner Address:	220 1st St Ste 1

RICHARD DEPIFANIO (Continued) **S106484541**

Owner Address 2:	Not reported
Owner City,State,Zip:	SEAL BEACH, CA 907400000
Contact Name:	--
Contact Address:	220 1st St Ste 1
Contact Address 2:	Not reported
City,State,Zip:	SEAL BEACH, CA 907400000

AR303 **ALUM-A-COAT INC.** **CPS-SLIC** **S122356427**
ESE **9859 E. KALE ST.** **CERS** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733**
0.374 mi.
1977 ft. **Site 1 of 4 in cluster AR**

Relative: **Higher**
Actual: **254 ft.**

CPS-SLIC:

Name:	ALUM-A-COAT INC.
Address:	9859 E. KALE ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/17/1995
Global Id:	SL603798700
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.056443
Longitude:	-118.054028
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.0024
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	ALUM-A-COAT INC.
Address:	9859 E. KALE ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	249603
CERS ID:	SL603798700
CERS Description:	Cleanup Program Site

AR304 **ALUM-A-COAT** **ENVIROSTOR** **S122221898**
ESE **9859 E. KALE STREET** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733**
0.374 mi.
1977 ft. **Site 2 of 4 in cluster AR**

Relative: **Higher**
Actual: **254 ft.**

ENVIROSTOR:

Name:	ALUM-A-COAT
Address:	9859 E. KALE STREET
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility ID:	71003529
Status:	Refer: Other Agency

ALUM-A-COAT (Continued) **S122221898**

Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.05686
Longitude: -118.0536
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAT080012818
Alias Type: EPA Identification Number
Alias Name: 110018980236
Alias Type: EPA (FRS #)
Alias Name: 71003529
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AQ305 **OWEN BROTHERS ENTERPRISES** **LUST** **S103817734**
SSE **9608 E RUSH STREET** **Cortese** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
0.379 mi. **CERS**
2003 ft. **Site 2 of 5 in cluster AQ**

Relative: **Lower**

Actual: **237 ft.**

LUST:
Name: OWEN BROTHERS ENTERPRISES
Address: 9608 E RUSH STREET
City,State,Zip: SOUTH EL MONTE, CA 91733

OWEN BROTHERS ENTERPRISES (Continued) **S103817734**

Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603727461
Global Id: T0603727461
Latitude: 34.0516723272936
Longitude: -118.059797825149
Status: Completed - Case Closed
Status Date: 05/31/2016
Case Worker: JFL
RB Case Number: R-26827
Local Agency: LOS ANGELES COUNTY
File Location: Regional Board
Local Case Number: 18760-26827
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0603727461
Contact Type: Regional Board Caseworker
Contact Name: JOE F. LUERA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH STREET, SUITE 200
City: LOS ANGELES
Email: joe.luera@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603727461
Contact Type: Local Agency Caseworker
Contact Name: TIM SMITH
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: tsmith@dpw.lacounty.gov
Phone Number: Not reported

LUST:
Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 07/28/2015
Action: State Water Board Closure Order

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 03/18/2015
Action: Notification - Public Participation Document

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 05/31/2016
Action: Closure/No Further Action Letter

Global Id: T0603727461
Action Type: RESPONSE
Date: 04/15/2007
Action: Other Report / Document

OWEN BROTHERS ENTERPRISES (Continued) **S103817734**

Global Id: T0603727461
Action Type: RESPONSE
Date: 01/15/2008
Action: Other Workplan

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 12/14/2007
Action: Staff Letter

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 02/21/2007
Action: Staff Letter

Global Id: T0603727461
Action Type: RESPONSE
Date: 04/15/2007
Action: Request for Closure

Global Id: T0603727461
Action Type: RESPONSE
Date: 02/01/2008
Action: Soil and Water Investigation Workplan

Global Id: T0603727461
Action Type: Other
Date: 01/19/1999
Action: Leak Discovery

Global Id: T0603727461
Action Type: Other
Date: 06/20/2000
Action: Leak Reported

Global Id: T0603727461
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603727461
Action Type: REMEDIATION
Date: 06/20/2000
Action: Not reported

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

LUST:
Global Id: T0603727461
Status: Open - Case Begin Date
Status Date: 01/19/1999

Global Id: T0603727461
Status: Open - Site Assessment

OWEN BROTHERS ENTERPRISES (Continued) **S103817734**

Status Date: 06/20/2000

Global Id: T0603727461
Status: Open - Site Assessment
Status Date: 02/21/2007

Global Id: T0603727461
Status: Open - Eligible for Closure
Status Date: 06/26/2013

Global Id: T0603727461
Status: Open - Eligible for Closure
Status Date: 07/28/2015

Global Id: T0603727461
Status: Completed - Case Closed
Status Date: 05/31/2016

CORTESE:
Name: OWEN BROTHERS ENTERPRISES
Address: 9608 E RUSH STREET
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603727461
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

LOS ANGELES CO. HMS:
Name: OWEN BROTHERS ENTERPRISES
Address: 9608 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 018760-026827
Facility Type: 1
Facility Status: Removed
Area: 3U
Permit Number: 000245872

OWEN BROTHERS ENTERPRISES (Continued) **S103817734**

Permit Status: Removed

CERS:

Name:	OWEN BROTHERS ENTERPRISES
Address:	9608 E RUSH STREET
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	207754
CERS ID:	T0603727461
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JOE F. LUERA - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH STREET, SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TIM SMITH - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S. FREMONT AVE.
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

306	**ASTRO SEAL, INC.**	**CPS-SLIC**	**S106484569**
South	**9444 RUSH ST**	**WIP**	**N/A**
1/4-1/2	**SOUTH EL MONTE, CA 91733**	**CERS**	
0.385 mi.			
2034 ft.			

Relative: Lower

Actual: 234 ft.

CPS-SLIC:

Name:	ASTRO SEAL, INC.
Address:	9444 RUSH ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	08/08/2014
Global Id:	SL603798758
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0514384344381
Longitude:	-118.062458269836
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.0590
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

ASTRO SEAL, INC. (Continued) **S106484569**

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	ASTRO SEAL, INC.
Address:	9444 Rush St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0590
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

CERS:

Name:	ASTRO SEAL, INC.
Address:	9444 RUSH ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	195630
CERS ID:	SL603798758
CERS Description:	Cleanup Program Site

AS307
SW
1/4-1/2
0.387 mi.
2042 ft.

BARRY ZWAHLEN
2217 LOMA
EL MONTE, CA 91733

Site 1 of 2 in cluster AS

CPS-SLIC
ENF
LOS ANGELES CO. HMS
CERS

S102058589
N/A

Relative:
Lower

Actual:
233 ft.

SLIC REG 4:

Region:	4
Facility Status:	Not reported
SLIC:	0233
Substance:	VOCs
Staff:	Not reported

CPS-SLIC:

Name:	MR. BARRY ZWAHLEN
Address:	2217 LOMA AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/29/2014
Global Id:	SL603798741
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.052916
Longitude:	-118.067775
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.0416
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

BARRY ZWAHLEN (Continued) **S102058589**

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	MR. BARRY ZWAHLEN
Address:	2217 LOMA
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	241731
Agency Name:	Zwahlen, Barry
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.054253
Place Longitude:	-118.068745
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070416
Reg Measure Id:	154869
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005

BARRY ZWAHLEN (Continued) **S102058589**

Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	244358
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	04/17/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/17/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070416
Description:	NOV sent 4/17/03 for overdue emergent chemical survey report.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	MR. BARRY ZWAHLEN
Address:	2217 LOMA
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	241731
Agency Name:	Zwahlen, Barry
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.054253
Place Longitude:	-118.068745
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported

BARRY ZWAHLEN (Continued) **S102058589**

NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070416
Reg Measure Id:	154869
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	225975
Region:	4
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/16/1991
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/16/1991
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

BARRY ZWAHLEN (Continued) **S102058589**

Status:	Historical
Title:	Enforcement - 4WIP1070416
Description:	Not reported
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

LOS ANGELES CO. HMS:

Name:	BARRY ZWAHLEN
Address:	2217 LOMA AVE
City,State,Zip:	SOUTH EL MONTE, CA 917332517
Region:	LA
Permit Category:	I
Facility Id:	008399-021123
Facility Type:	01
Facility Status:	Closed
Area:	3U
Permit Number:	000089395
Permit Status:	Closed

CERS:

Name:	MR. BARRY ZWAHLEN
Address:	2217 LOMA AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	208749
CERS ID:	SL603798741
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AP308
SSE
1/4-1/2
0.387 mi.
2045 ft.

Relative:
Lower

Actual:
235 ft.

VALLEY CITIES SUPPLY CO.
9510 RUSH ST
SOUTH EL MONTE, CA 91733

Site 4 of 6 in cluster AP

LUST
SWEEPS UST
HIST UST
Cortese
HIST CORTESE
WIP
CERS

U001569513
N/A

LUST:

Name:	VALLEY CITIES SUPPLY CO.

VALLEY CITIES SUPPLY CO. (Continued) **U001569513**

Address: 9510 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703352
Global Id: T0603703352
Latitude: 34.051005
Longitude: -118.061844
Status: Completed - Case Closed
Status Date: 07/25/1996
Case Worker: YR
RB Case Number: I-09173
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603703352
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703352
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603703352
Action Type: Other
Date: 07/01/1991
Action: Leak Discovery

Global Id: T0603703352
Action Type: Other
Date: 07/01/1991
Action: Leak Stopped

Global Id: T0603703352
Action Type: Other
Date: 12/30/1991
Action: Leak Reported

LUST:
Global Id: T0603703352
Status: Open - Case Begin Date

VALLEY CITIES SUPPLY CO. (Continued) **U001569513**

Status Date: 07/01/1991

Global Id: T0603703352
Status: Open - Site Assessment
Status Date: 12/30/1991

Global Id: T0603703352
Status: Completed - Case Closed
Status Date: 07/25/1996

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-09173
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703352
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: ROSEMEAD BLVD.
Enforcement Type: Not reported
Date Leak Discovered: 7/1/1991
Date Leak First Reported: 12/30/1991
Date Leak Record Entered: 3/20/1992
Date Confirmation Began: Not reported
Date Leak Stopped: 7/1/1991
Date Case Last Changed on Database: 1/13/1992
Date the Case was Closed: 7/25/1996
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: PLUMMER, C.A.
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1608.2193682236019469803362737
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 12/30/1991
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported

VALLEY CITIES SUPPLY CO. (Continued) **U001569513**

Organization: Not reported
Owner Contact: Not reported
Responsible Party: VALLEY CITIES SUPPLY CO.
RP Address: 9510 E RUSH ST, S EL MONTE CA 91733
Program: LUST
Lat/Long: 34.0517175 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:
Name: VALLEY CITIES SUPPLY CO
Address: 9510 RUSH ST
City: SOUTH EL MONTE
Status: Not reported
Comp Number: 9173
Number: Not reported
Board Of Equalization: 44-008336
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009173-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 1

HIST UST:
Name: VALLEY CITIES SUPPLY CO
Address: 9510 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 0002850E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002850E.pdf
Region: STATE
Facility ID: 00000007843
Facility Type: Other
Other Type: Not reported
Contact Name: JACK MEANS
Telephone: 8185794900
Owner Name: VALLEY CITIES SUPPLY CO.
Owner Address: 9510 RUSH ST
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1975
Tank Capacity: 00009940

VALLEY CITIES SUPPLY CO. (Continued) **U001569513**

Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

CORTESE:
Name: VALLEY CITIES SUPPLY CO.
Address: 9510 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603703352
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: VALLEY CITIES SUPPLY CO.
edr_fadd1: 9510 RUSH
City,State,Zip: SOUTH EL MONTE, CA 91773
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-09173

WIP:
Name: VALLEY CITIES SUPPLY COMPANY
Address: 9510 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1647
File Status: Historical
Staff: KELLIOTT
Facility Suite: Not reported

CERS:
Name: VALLEY CITIES SUPPLY CO.
Address: 9510 RUSH ST

VALLEY CITIES SUPPLY CO. (Continued) **U001569513**

City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 233822
CERS ID: T0603703352
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AP309
SSE
1/4-1/2
0.388 mi.
2048 ft.
Relative: Lower
Actual: 236 ft.

JENCO PLATING INC
9536 RUSH ST.
SOUTH EL MONTE, CA 91733

Site 5 of 6 in cluster AP

Database(s): RCRA-LQG, ENVIROSTOR, CERS HAZ WASTE, HIST UST, EMI, LOS ANGELES CO. HMS, NPDES, WDS, WIP, CIWQS, CERS

1000177592
CAD981450562

RCRA-LQG:
Date Form Received by Agency: 2020-06-25 00:00:00.0
Handler Name: JENCO PLATING INC
Handler Address: 9536 RUSH ST.
Handler City,State,Zip: SOUTH EL MONTE, CA 91733-0000
EPA ID: CAD981450562
Contact Name: ALLEN OREFICE
Contact Address: RUSH ST.
Contact City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Contact Telephone: 626-443-6705
Contact Fax: 626-443-5133
Contact Email: PCOOKE@JENCOPLATINGINC.COM
Contact Title: QUALITY CONTROL MGR.
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2019
Accessibility: Not reported

JENCO PLATING INC (Continued) **1000177592**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	RUSH ST.
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner Name:	PAMELA COOKE
Owner Type:	Private
Operator Name:	PAMELA COOKE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-12-30 15:25:05.0

JENCO PLATING INC (Continued) **1000177592**

Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PAMELA J COOKE
Legal Status: Private
Date Became Current: 1995-09-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

JENCO PLATING INC (Continued) **1000177592**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAMELA COOKE
Legal Status:	Private
Date Became Current:	1995-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9536 RUSH ST.
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone:	626-443-6705
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	PCOOKE@JENCOPLATINGINC.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAMELA COOKE
Legal Status:	Private
Date Became Current:	1995-08-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTHER JENSEN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAMELA COOKE
Legal Status:	Private
Date Became Current:	1995-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9536 RUSH STREET
Owner/Operator City,State,Zip:	SO. ELMONTE, CA 91733
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAMELA J COOKE
Legal Status:	Private
Date Became Current:	1995-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9536 E. RUSH ST.
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	626-443-6705
Owner/Operator Telephone Ext:	Not reported

JENCO PLATING INC (Continued) **1000177592**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PAMELA COOKE
Legal Status: Private
Date Became Current: 1995-10-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 9536 RUSH ST.
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone: 626-443-6705
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: PCOOKE@JENCOPLATINGINC.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: PAMELA COOKE
Legal Status: Private
Date Became Current: 1995-10-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 9536 RUSH ST.
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone: 626-443-6705
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: PCOOKE@JENCOPLATINGINC.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: PAMELA J COOKE
Legal Status: Private
Date Became Current: 1995-08-23 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PAMELA COOKE
Legal Status: Private
Date Became Current: 1991-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 9536 RUSH STREET
Owner/Operator City,State,Zip: SO. ELMONTE, CA 91733
Owner/Operator Telephone: 626-443-6705
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PAMELA COOKE
Legal Status: Private
Date Became Current: 1995-08-28 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported

JENCO PLATING INC (Continued) **1000177592**

Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PAMELA COOKE
Legal Status: Private
Date Became Current: 1995-10-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 9536 RUSH ST.
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733-0000
Owner/Operator Telephone: 626-443-6705
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: PCOOKE@JENCOPLATINGINC.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PAMELA J COOKE
Legal Status: Private
Date Became Current: 1995-08-23 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 9536 E RUSH ST
Owner/Operator City,State,Zip: EL MONTE, CA 91733
Owner/Operator Telephone: 626-443-6705
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2010-07-27 00:00:00.0
Handler Name: JENCO PLATING
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2014-03-01 00:00:00.0

JENCO PLATING INC (Continued) **1000177592**

Handler Name: JENCO PLATING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2016-08-11 00:00:00.0
Handler Name: JENCO PLATING INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2018-02-27 00:00:00.0
Handler Name: JENCO PLATING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2020-06-25 00:00:00.0
Handler Name: JENCO PLATING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2002-02-11 00:00:00.0
Handler Name: JENCO PLATING INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

JENCO PLATING INC (Continued) **1000177592**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-03-04 00:00:00.0
Handler Name: JENCO PLATING, INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-11 00:00:00.0
Handler Name: JENCO PLATING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-05-09 00:00:00.0
Handler Name: JENCO PLATING
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

JENCO PLATING INC (Continued) **1000177592**

ENVIROSTOR:

Name:	JENCO PLATING, INC.
Address:	9536 E. RUSH DRIVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility ID:	71002854
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	57
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.05179
Longitude:	-118.0613
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD981450562
Alias Type:	EPA Identification Number
Alias Name:	71002854
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CERS HAZ WASTE:

Name:	JENCO PLATING INC
Address:	9536 RUSH ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	395443

JENCO PLATING INC (Continued) **1000177592**

CERS ID: 10292170
CERS Description: Hazardous Waste Onsite Treatment

Name: JENCO PLATING INC
Address: 9536 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 395443
CERS ID: 10292170
CERS Description: RCRA LQ HW Generator

Name: JENCO PLATING INC
Address: 9536 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 395443
CERS ID: 10292170
CERS Description: Hazardous Waste Generator

HIST UST:
Name: JENCO PLATING AND ANDOIZING INC
Address: 9536 E RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 00027123
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027123.pdf
Region: STATE
Facility ID: 00000055685
Facility Type: Other
Other Type: ANODIZING
Contact Name: RONALD COOKE
Telephone: 8184436705
Owner Name: JENCO PLATING & ANODIZING INC.
Owner Address: 9536 E. RUSH ST.
Owner City,St,Zip: SOUTH EL MONTE, CA 9173
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000065
Tank Used for: WASTE
Type of Fuel: 06
Container Construction Thickness: 6
Leak Detection: Visual

Click here for Geo Tracker PDF:

EMI:
Name: JENCO PLATING & ANODIZING INC
Address: 9536 E RUSH
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 62852
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD

JENCO PLATING INC (Continued) **1000177592**

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

LOS ANGELES CO. HMS:
Name: JENCO PLATING & ANODIZING INC
Address: 9536 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 003098-I03209
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000004945
Permit Status: Closed

NPDES:
Name: JENCO PLATING INC
Address: 9536 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 4 19I001469
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 03/27/1992
Operator Name: Pamela J Cooke
Operator Address: 9536 Rush St
Operator City: South El Monte
Operator State: California
Operator Zip: 91733

NPDES as of 03/2018:
NPDES Number: CAS000001
Status: Active

JENCO PLATING INC (Continued) **1000177592**

Agency Number:	0
Region:	4
Regulatory Measure ID:	188810
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I001469
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/27/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Pamela J Cooke
Discharge Address:	9536 Rush St
Discharge City:	South El Monte
Discharge State:	California
Discharge Zip:	91733
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported

JENCO PLATING INC (Continued) **1000177592**

Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	188810
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I001469
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	03/27/1992
Status:	Active
Status Date:	03/27/1992
Place Size:	16564
Place Size Unit:	SqFt
Contact:	Allen Orefice
Contact Title:	Quality Control Manager
Contact Phone:	626-443-6705
Contact Phone Ext:	Not reported
Contact Email:	aorefice@jencoplatinginc.com
Operator Name:	Pamela J Cooke
Operator Address:	9536 Rush St
Operator City:	South El Monte
Operator State:	California
Operator Zip:	91733
Operator Contact:	PAMELA Cooke
Operator Contact Title:	President
Operator Contact Phone:	626-443-6705
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	pcooke@jencoplatinginc.com

JENCO PLATING INC (Continued) **1000177592**

Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	626-443-6705
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rio Hindo Channel
Certifier:	PAMELA COOKE
Certifier Title:	President
Certification Date:	11-FEB-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	JENCO PLATING INC
Address:	9536 RUSH ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	188810
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19I001469
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/27/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	9536 Rush St
Discharge Name:	Pamela J Cooke
Discharge City:	South El Monte

JENCO PLATING INC (Continued) **1000177592**

Discharge State:	California
Discharge Zip:	91733
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	188810
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I001469
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/27/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Pamela J Cooke
Discharge Address:	9536 Rush St
Discharge City:	South El Monte
Discharge State:	California
Discharge Zip:	91733
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported

JENCO PLATING INC (Continued) **1000177592**

Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	188810
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I001469
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	03/27/1992
Status:	Active
Status Date:	03/27/1992
Place Size:	16564
Place Size Unit:	SqFt
Contact:	Allen Orefice
Contact Title:	Quality Control Manager
Contact Phone:	626-443-6705

JENCO PLATING INC (Continued) **1000177592**

Contact Phone Ext:	Not reported
Contact Email:	aorefice@jencoplatinginc.com
Operator Name:	Pamela J Cooke
Operator Address:	9536 Rush St
Operator City:	South El Monte
Operator State:	California
Operator Zip:	91733
Operator Contact:	PAMELA Cooke
Operator Contact Title:	President
Operator Contact Phone:	626-443-6705
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	pcooke@jencoplatinginc.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	626-443-6705
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rio Hindo Channel
Certifier:	PAMELA COOKE
Certifier Title:	President
Certification Date:	11-FEB-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	JENCO PLATING INC
Address:	9536 Rush St
City:	SOUTH EL MONTE
Facility ID:	4 19I001469
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel

JENCO PLATING INC (Continued) **1000177592**

	washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	6264436705
Facility Contact:	PAMELA COOKE
Agency Name:	PAMELA J COOKE
Agency Address:	9536 Rush St
Agency City,St,Zip:	South El Monte 917331537
Agency Contact:	PAMELA COOKE
Agency Telephone:	6264436705
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:

Name:	JENCO PLATING & ANDOIZING INC.
Address:	9536 Rush St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0197
File Status:	**Historical**
Staff:	KELLIOTT
Facility Suite:	Not reported

CIWQS:

Name:	JENCO PLATING INC
Address:	9536 RUSH ST
City,State,Zip:	SOUTH EL MONTE, CA 91733

JENCO PLATING INC (Continued) **1000177592**

Agency:	Pamela J Cooke
Agency Address:	9536 Rush St, South El Monte, CA 91733
Place/Project Type:	Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring
SIC/NAICS:	3471
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I001469
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	03/27/1992
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	0
Latitude:	34.05185
Longitude:	-118.06138

CERS:

Name:	JENCO PLATING INC
Address:	9536 RUSH ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	395443
CERS ID:	233597
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	395443
Site Name:	JENCO PLATING INC
Violation Date:	01-07-2016
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 12/13/2016. Properly placard with an NFPA 704 placard the chemical storage shed/trailer per LACoFC 5003.5
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	395443
Site Name:	JENCO PLATING INC
Violation Date:	08-14-2015
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SWPPP
Violation Notes:	Failure to develop a complete SWPPP per Industrial General Permit No. 2014-0057-DWQ
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

JENCO PLATING INC (Continued) **1000177592**

Site ID: 395443
Site Name: JENCO PLATING INC
Violation Date: 01-07-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: Returned to compliance on 12/13/2016. Provide a TTLC (STLC if required), flouride salts, and pH test results using hazardous waste methods using SW-846 Testing methods on the two rinse tanks 35A and 36A prior to the tanks being neutralized. Provide a copy of the results to this office and mainitain records at your facility.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-17-2002
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2008
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Adequate SWPPP and BMPs.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Shop QC Mgr.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Allen Orifice-QC Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager

JENCO PLATING INC (Continued) **1000177592**

Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 395443
Site Name: JENCO PLATING INC
Site Address: 9536 RUSH ST
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 04-19-2017
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Notice of Violation issued for failure to develop a complete SWPPP per Industrial General Permit No. 2014-0057-DWQ
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Coordinates:
Site ID: 395443
Facility Name: JENCO PLATING INC
Env Int Type Code: HMBP
Program ID: 10292170
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.051450
Longitude: -118.060840

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: PAMELA COOK
Entity Title: Not reported
Affiliation Address: 9536 E. RUSH ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733

JENCO PLATING INC (Continued) **1000177592**

Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Richard Fallon Enterprises
Entity Title: Not reported
Affiliation Address: 1125 South 10th Avenue
Affiliation City: Arcadia
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91006
Affiliation Phone: (626) 826-4836

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Document Preparer
Entity Name: AEM
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9536 RUSH ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: PAMELA J COOKE
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: PAMELA J COOKE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

JENCO PLATING INC (Continued) **1000177592**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 443-6705
Affiliation Type Desc:	Legal Owner
Entity Name:	JENCO PLATING INC
Entity Title:	Not reported
Affiliation Address:	9536 RUSH ST
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91733
Affiliation Phone:	(626) 443-6705
Affiliation Type Desc:	Owner/Operator
Entity Name:	Pamela J Cooke
Entity Title:	Operator
Affiliation Address:	9536 Rush St
Affiliation City:	South El Monte
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	JENCO PLATING INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Pamela Cooke
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	JENCO PLATING INC
Address:	9536 RUSH ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	395443
CERS ID:	10292170
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	395443
Site Name:	JENCO PLATING INC
Violation Date:	01-07-2016
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95,

JENCO PLATING INC (Continued) **1000177592**

Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/13/2016. Properly placard with an NFPA 704 placard the chemical storage shed/trailer per LACoFC 5003.5
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395443
Site Name: JENCO PLATING INC
Violation Date: 08-14-2015
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SWPPP
Violation Notes: Failure to develop a complete SWPPP per Industrial General Permit No. 2014-0057-DWQ
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 395443
Site Name: JENCO PLATING INC
Violation Date: 01-07-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: Returned to compliance on 12/13/2016. Provide a TTLC (STLC if required), flouride salts, and pH test results using hazardous waste methods using SW-846 Testing methods on the two rinse tanks 35A and 36A prior to the tanks being neutralized. Provide a copy of the results to this office and mainitain records at your facility.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-17-2002
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2008
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Adequate SWPPP and BMPs.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency

JENCO PLATING INC (Continued) **1000177592**

Eval Notes: Allen Orefice, Shop QC Mgr.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Allen Orifice-QC Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 395443
Site Name: JENCO PLATING INC
Site Address: 9536 RUSH ST
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 04-19-2017
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Notice of Violation issued for failure to develop a complete SWPPP per Industrial General Permit No. 2014-0057-DWQ
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

JENCO PLATING INC (Continued) **1000177592**

Coordinates:

Site ID:	395443
Facility Name:	JENCO PLATING INC
Env Int Type Code:	HMBP
Program ID:	10292170
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.051450
Longitude:	-118.060840

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	PAMELA COOK
Entity Title:	Not reported
Affiliation Address:	9536 E. RUSH ST
Affiliation City:	SOUTH EL MONTE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91733
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Richard Fallon Enterprises
Entity Title:	Not reported
Affiliation Address:	1125 South 10th Avenue
Affiliation City:	Arcadia
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91006
Affiliation Phone:	(626) 826-4836

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000

Affiliation Type Desc:	Document Preparer
Entity Name:	AEM
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	9536 RUSH ST
Affiliation City:	SOUTH EL MONTE

JENCO PLATING INC (Continued) **1000177592**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: PAMELA J COOKE
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: PAMELA J COOKE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 443-6705

Affiliation Type Desc: Legal Owner
Entity Name: JENCO PLATING INC
Entity Title: Not reported
Affiliation Address: 9536 RUSH ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 443-6705

Affiliation Type Desc: Owner/Operator
Entity Name: Pamela J Cooke
Entity Title: Operator
Affiliation Address: 9536 Rush St
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: JENCO PLATING INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Pamela Cooke

JENCO PLATING INC (Continued) **1000177592**

Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AP310 **SSE** **1/4-1/2** **0.388 mi.** **2048 ft.**	**JENCO PLATING INC** **9536 RUSH ST** **SOUTH EL MONTE, CA 91733** **Site 6 of 6 in cluster AP**	**CPS-SLIC** **HAZNET** **NON-CASE INFO** **HWTS**	**S113006653** **N/A**

Relative: **Lower**

Actual: **236 ft.**

CPS-SLIC:

Name:	JENCO PLATING & ANODIZING INC.
Address:	9536 RUSH ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/11/1987
Global Id:	T10000016157
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.05151
Longitude:	-118.061
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	107.0197
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HAZNET:

Name:	JENCO PLATING INC
Address:	9536 RUSH ST
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
Contact:	PAMELA J COOKE PRESIDENT
Telephone:	6264436705
Mailing Name:	Not reported
Mailing Address:	9536 RUSH ST

Year:	2019
Gepaid:	CAD981450562
TSD EPA ID:	NVT330010000
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	3.00300

Year:	2019

JENCO PLATING INC (Continued) **S113006653**

Gepaid: CAD981450562
TSD EPA ID: NVT330010000
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.22935

Year: 2019
Gepaid: CAD981450562
TSD EPA ID: CAD008488025
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 40.86600

Year: 2019
Gepaid: CAD981450562
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.20000

Year: 2019
Gepaid: CAD981450562
TSD EPA ID: AZR000520304
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.35000

Year: 2018
Gepaid: CAD981450562
TSD EPA ID: NVT330010000
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.22935

Year: 2018
Gepaid: CAD981450562
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.99980

Year: 2018
Gepaid: CAD981450562
TSD EPA ID: MXC130619001
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2018
Gepaid: CAD981450562
TSD EPA ID: CAD008488025

JENCO PLATING INC (Continued) **S113006653**

CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	39.51075
Year:	2018
Gepaid:	CAD981450562
TSD EPA ID:	NVT330010000
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	4.44105

Click this hyperlink while viewing on your computer to access
75 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2015
Gen EPA ID:	CAD981450562
Shipment Date:	20151208
Creation Date:	9/26/2016 18:30:40
Receipt Date:	20151222
Manifest ID:	014824934JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	CAD98145058
TSDF Alt Name:	JENCO PLATING
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	- Not reported
Quantity Tons:	4.587
Waste Quantity:	1100
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151008
Creation Date:	1/11/2016 22:15:53
Receipt Date:	20151012
Manifest ID:	014824713JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported

JENCO PLATING INC (Continued) **S113006653**

RCRA Code: D007
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151008
Creation Date: 5/4/2016 22:15:28
Receipt Date: 20151023
Manifest ID: 014824714JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150820
Creation Date: 2/5/2016 22:15:23
Receipt Date: 20150828
Manifest ID: 014824585JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD981412356
Trans 2 Name: PACIFIC TRANS
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.462
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

JENCO PLATING INC (Continued) **S113006653**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150820
Creation Date:	2/5/2016 22:15:23
Receipt Date:	20150828
Manifest ID:	014824585JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD981412356
Trans 2 Name:	PACIFIC TRANS
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150820
Creation Date:	10/6/2015 22:15:06
Receipt Date:	20150825
Manifest ID:	014824584JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.44025
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150803
Creation Date:	11/5/2015 22:15:17
Receipt Date:	20150910
Manifest ID:	014824532JJK

JENCO PLATING INC (Continued) **S113006653**

Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	4.587
Waste Quantity:	1100
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150803
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20150821
Manifest ID:	014824533JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150803
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20150821
Manifest ID:	014824533JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

JENCO PLATING INC (Continued) **S113006653**

Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.668
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150607
Creation Date: 9/8/2015 22:15:08
Receipt Date: 20150618
Manifest ID: 013737306JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 2.2935
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1994
Gen EPA ID: CAD981450562

Shipment Date: 19940922
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940927
Manifest ID: 90733615
Trans EPA ID: ILD099202681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 726 - Liquids with nickel > 134 mg/l
RCRA Code: Not reported
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.2

JENCO PLATING INC (Continued) **S113006653**

Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940307
Creation Date: 3/25/1996 0:00:00
Receipt Date: Not reported
Manifest ID: 90733614
Trans EPA ID: CAD982440364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 1.1467
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAD981450562

Shipment Date: 20131209
Creation Date: 2/24/2014 22:15:29
Receipt Date: 20131219
Manifest ID: 011253448JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS WATER TECHNOLOGIES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported

JENCO PLATING INC (Continued) **S113006653**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131022
Creation Date: 4/7/2014 22:15:17
Receipt Date: 20131108
Manifest ID: 011253296JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.462
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131022
Creation Date: 12/4/2013 22:15:18
Receipt Date: 20131028
Manifest ID: 011253295JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS WATER TECHNOLOGIES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130926
Creation Date: 11/16/2013 22:15:32
Receipt Date: 20131004

JENCO PLATING INC (Continued) **S113006653**

Manifest ID: 011253227JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS WATER TECHNOLOGIES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 2.2935
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130911
Creation Date: 10/29/2013 22:15:09
Receipt Date: 20130918
Manifest ID: 011253159JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS WATER TECHNOLOGIES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130726
Creation Date: 9/16/2013 22:15:07
Receipt Date: 20130802
Manifest ID: 011253014JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS WATER TECHNOLOGIES LLC

JENCO PLATING INC (Continued) **S113006653**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 4.14081
Waste Quantity: 993
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130605
Creation Date: 7/27/2013 22:15:06
Receipt Date: 20130607
Manifest ID: 011252799JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS INDUSTRY INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130326
Creation Date: 6/9/2013 22:15:06
Receipt Date: 20130405
Manifest ID: 011252597JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS INDUSTRY INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 4.587

JENCO PLATING INC (Continued) **S113006653**

Waste Quantity: 1100
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130215
Creation Date: 4/19/2013 22:15:15
Receipt Date: 20130222
Manifest ID: 009651927JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS INDUSTRY INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130115
Creation Date: 3/7/2013 22:15:23
Receipt Date: 20130124
Manifest ID: 009651820JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS INDUSTRY INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

JENCO PLATING INC (Continued) **S113006653**

Additional Info:
Year: 1993
Gen EPA ID: CAD981450562

Shipment Date: 19931216
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931217
Manifest ID: 90733613
Trans EPA ID: ILD099202681
Trans Name: Not reported
Trans 2 EPA ID: ILD099202681
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 421 - Lime sludge
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930629
Creation Date: 9/11/1995 0:00:00
Receipt Date: 19930629
Manifest ID: 90733611
Trans EPA ID: CAD982440364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 1.1467
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930622
Creation Date: 9/8/1995 0:00:00
Receipt Date: 19930630
Manifest ID: 90733610
Trans EPA ID: ILD099202681

JENCO PLATING INC (Continued) **S113006653**

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 726 - Liquids with nickel > 134 mg/l
RCRA Code: Not reported
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1996
Gen EPA ID: CAD981450562

Shipment Date: 19960306
Creation Date: 10/16/1996 0:00:00
Receipt Date: 19960311
Manifest ID: 95145160
Trans EPA ID: NVD980895338
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVD980895338
Trans Name: Not reported
TSDF Alt EPA ID: NVD980895338
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1995
Gen EPA ID: CAD981450562

Shipment Date: 19951129
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951205
Manifest ID: 95144874
Trans EPA ID: NVD980895338

JENCO PLATING INC (Continued) **S113006653**

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVD980895338
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.9174
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950217
Creation Date: 10/20/1995 0:00:00
Receipt Date: 19950224
Manifest ID: 93594498
Trans EPA ID: ILD099202681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 726 - Liquids with nickel > 134 mg/l
RCRA Code: Not reported
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.275
Waste Quantity: 550
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950217
Creation Date: 10/20/1995 0:00:00
Receipt Date: 19950224
Manifest ID: 93594498
Trans EPA ID: ILD099202681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 421 - Lime sludge
RCRA Code: Not reported

JENCO PLATING INC (Continued) **S113006653**

Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAD981450562

Shipment Date: 20070702
Creation Date: 1/8/2008 18:31:12
Receipt Date: 20070705
Manifest ID: 001936907JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 2.6271
Waste Quantity: 630
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070625
Creation Date: 12/28/2007 18:30:19
Receipt Date: 20070628
Manifest ID: 001936899JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.3761
Waste Quantity: 330

JENCO PLATING INC (Continued) **S113006653**

Quantity Unit: G
Additional Code 1: D007
Additional Code 2: D002
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070625
Creation Date: 12/28/2007 18:30:19
Receipt Date: 20070628
Manifest ID: 001936899JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.9174
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: D007
Additional Code 2: D002
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070625
Creation Date: 12/28/2007 18:30:19
Receipt Date: 20070628
Manifest ID: 001936899JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 491 - Unspecified sludge waste
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.13
Waste Quantity: 260
Quantity Unit: P
Additional Code 1: D007
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

JENCO PLATING INC (Continued) **S113006653**

Shipment Date:	20070315
Creation Date:	9/20/2007 18:30:16
Receipt Date:	20070322
Manifest ID:	001936544JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2.7522
Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	D007
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD981450562
Shipment Date:	20020321
Creation Date:	7/17/2002 18:34:07
Receipt Date:	20020329
Manifest ID:	21793005
Trans EPA ID:	CAL000827879
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.386
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD981450562

JENCO PLATING INC (Continued) **S113006653**

Shipment Date:	20110823
Creation Date:	10/24/2011 18:30:13
Receipt Date:	20110902
Manifest ID:	007861959JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	5.9631
Waste Quantity:	1430
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110812
Creation Date:	10/19/2011 18:30:23
Receipt Date:	20110822
Manifest ID:	007861927JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.44025
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110407
Creation Date:	6/4/2011 18:30:41
Receipt Date:	20110418
Manifest ID:	007861528JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025

JENCO PLATING INC (Continued) **S113006653**

Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD981450562
Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20150109
Manifest ID:	013736765JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20150109
Manifest ID:	013736765JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

JENCO PLATING INC (Continued) **S113006653**

Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D005
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141223
Creation Date:	3/5/2015 22:15:08
Receipt Date:	20150102
Manifest ID:	013736764JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141223
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20150109
Manifest ID:	013736765JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.22935
Waste Quantity:	55

JENCO PLATING INC (Continued) **S113006653**

Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141126
Creation Date: 1/15/2015 22:15:01
Receipt Date: 20141203
Manifest ID: 013736682JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 2.2935
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141126
Creation Date: 5/7/2015 22:15:07
Receipt Date: 20141212
Manifest ID: 013736683JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.68805
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141126

JENCO PLATING INC (Continued) **S113006653**

Creation Date:	5/7/2015 22:15:07
Receipt Date:	20141212
Manifest ID:	013736683JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.8428
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141013
Creation Date:	3/23/2015 22:15:13
Receipt Date:	20141031
Manifest ID:	013736541JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141013
Creation Date:	3/23/2015 22:15:13
Receipt Date:	20141031
Manifest ID:	013736541JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION

JENCO PLATING INC (Continued) **S113006653**

TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D007
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141013
Creation Date: 12/17/2014 22:14:47
Receipt Date: 20141022
Manifest ID: 013736539JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 2.2935
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAD981450562

Shipment Date: 20171130
Creation Date: 7/5/2018 18:32:15
Receipt Date: 20171215
Manifest ID: 017798864JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

JENCO PLATING INC (Continued) **S113006653**

Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.386
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171130
Creation Date:	7/5/2018 18:32:15
Receipt Date:	20171215
Manifest ID:	017798863JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	5.0568
Waste Quantity:	6
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171130
Creation Date:	6/29/2018 18:30:18
Receipt Date:	20171208
Manifest ID:	017798862JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.44025
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	D002

JENCO PLATING INC (Continued) **S113006653**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171130
Creation Date: 7/5/2018 18:32:15
Receipt Date: 20171215
Manifest ID: 017798864JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.693
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171130
Creation Date: 7/5/2018 18:32:15
Receipt Date: 20171215
Manifest ID: 017798864JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171011
Creation Date: 6/13/2018 18:30:51

JENCO PLATING INC (Continued) **S113006653**

Receipt Date: 20171016
Manifest ID: 017798636JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 4.587
Waste Quantity: 1100
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170719
Creation Date: 10/26/2018 18:30:13
Receipt Date: 20170804
Manifest ID: 017126708JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code: D007
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170719
Creation Date: 10/26/2018 18:30:13
Receipt Date: 20170804
Manifest ID: 017126708JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000

JENCO PLATING INC (Continued) **S113006653**

Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170719
Creation Date:	10/26/2018 18:30:13
Receipt Date:	20170804
Manifest ID:	017126708JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170719
Creation Date:	5/29/2018 18:30:34
Receipt Date:	20170727
Manifest ID:	017126707JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	10.32075

JENCO PLATING INC (Continued) **S113006653**

Waste Quantity: 2475
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAD981450562

Shipment Date: 20100921
Creation Date: 12/16/2010 18:30:19
Receipt Date: 20101004
Manifest ID: 006432487JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL IND
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.14675
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100624
Creation Date: 1/24/2011 18:30:44
Receipt Date: 20100708
Manifest ID: 006432237JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL IND
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.14675
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: D002

JENCO PLATING INC (Continued) **S113006653**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100409
Creation Date:	12/16/2010 18:31:07
Receipt Date:	20100422
Manifest ID:	006432013JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL IND
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1375
Waste Quantity:	275
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100225
Creation Date:	12/3/2010 18:30:07
Receipt Date:	20100311
Manifest ID:	006431909JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL IND
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100225
Creation Date:	12/3/2010 18:30:07

JENCO PLATING INC (Continued) **S113006653**

Receipt Date:	20100311
Manifest ID:	006431909JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL IND
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAD981450562

Shipment Date:	20151208
Creation Date:	9/26/2016 18:30:40
Receipt Date:	20151222
Manifest ID:	014824934JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	CAD98145058
TSDF Alt Name:	JENCO PLATING
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	- Not reported
Quantity Tons:	4.587
Waste Quantity:	1100
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151008
Creation Date:	5/4/2016 22:15:28
Receipt Date:	20151023
Manifest ID:	014824714JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES

JENCO PLATING INC (Continued) **S113006653**

Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151008
Creation Date: 1/11/2016 22:15:53
Receipt Date: 20151012
Manifest ID: 014824713JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150820
Creation Date: 2/5/2016 22:15:23
Receipt Date: 20150828
Manifest ID: 014824585JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD981412356
Trans 2 Name: PACIFIC TRANS
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported

JENCO PLATING INC (Continued) **S113006653**

Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.462
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150820
Creation Date: 2/5/2016 22:15:23
Receipt Date: 20150828
Manifest ID: 014824585JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD981412356
Trans 2 Name: PACIFIC TRANS
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.462
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150820
Creation Date: 10/6/2015 22:15:06
Receipt Date: 20150825
Manifest ID: 014824584JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported

JENCO PLATING INC (Continued) **S113006653**

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150803
Creation Date: 11/5/2015 22:15:17
Receipt Date: 20150910
Manifest ID: 014824532JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 4.587
Waste Quantity: 1100
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150803
Creation Date: 2/9/2016 22:15:11
Receipt Date: 20150821
Manifest ID: 014824533JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.668
Waste Quantity: 400
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150803
Creation Date: 2/9/2016 22:15:11
Receipt Date: 20150821
Manifest ID: 014824533JJK
Trans EPA ID: CAD981377864

JENCO PLATING INC (Continued) **S113006653**

Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.462
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150607
Creation Date: 9/8/2015 22:15:08
Receipt Date: 20150618
Manifest ID: 013737306JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D007
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 2.2935
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAD981450562

Shipment Date: 20010531
Creation Date: 8/29/2001 0:00:00
Receipt Date: 20010531
Manifest ID: 20989220
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008486025

JENCO PLATING INC (Continued) **S113006653**

Trans Name: Not reported
TSDF Alt EPA ID: CAD008488025
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 11.4675
Waste Quantity: 2750
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010314
Creation Date: 6/12/2001 0:00:00
Receipt Date: 20010323
Manifest ID: 20989279
Trans EPA ID: CAD982440364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: CAD008364432
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.688
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010306
Creation Date: 5/16/2001 0:00:00
Receipt Date: 20010308
Manifest ID: 20485358
Trans EPA ID: CAD982440364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.693
Waste Quantity: 165
Quantity Unit: G

JENCO PLATING INC (Continued) **S113006653**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010306
Creation Date: 5/16/2001 0:00:00
Receipt Date: 20010307
Manifest ID: 20485359
Trans EPA ID: CAD982440364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008486025
Trans Name: Not reported
TSDF Alt EPA ID: CAD008488025
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 1.3761
Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010103
Creation Date: 4/9/2001 0:00:00
Receipt Date: 20010112
Manifest ID: 20485119
Trans EPA ID: CAD982440364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAD008488025
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 2.2935
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAD981450562

JENCO PLATING INC (Continued) **S113006653**

Shipment Date: 20091215
Creation Date: 6/30/2010 18:30:18
Receipt Date: 20091223
Manifest ID: 006431729JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL IND
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.14675
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20091007
Creation Date: 4/12/2010 18:30:55
Receipt Date: 20091016
Manifest ID: 006431507JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL IND
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.14675
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090914
Creation Date: 3/5/2010 18:31:00
Receipt Date: 20090924
Manifest ID: 004848463JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173

JENCO PLATING INC (Continued) **S113006653**

Trans 2 Name: ECOLOGY CONTROL IND
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 4.1283
Waste Quantity: 990
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090511
Creation Date: 9/25/2009 18:30:08
Receipt Date: 20090522
Manifest ID: 004848296JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL IND
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090327
Creation Date: 7/31/2009 18:30:21
Receipt Date: 20090409
Manifest ID: 004848182JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008

JENCO PLATING INC (Continued) **S113006653**

Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090217
Creation Date:	6/17/2009 18:30:27
Receipt Date:	20090219
Manifest ID:	004848028JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD981450562
Shipment Date:	20081210
Creation Date:	4/21/2009 18:30:09
Receipt Date:	20081230
Manifest ID:	004847842JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2.7522

JENCO PLATING INC (Continued) **S113006653**

Waste Quantity:	660
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081017
Creation Date:	3/10/2009 18:30:09
Receipt Date:	20081030
Manifest ID:	004847676JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080827
Creation Date:	1/15/2009 18:30:42
Receipt Date:	20080904
Manifest ID:	004847552JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL IND
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2.502
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

JENCO PLATING INC (Continued) **S113006653**

Shipment Date: 20080806
Creation Date: 12/11/2008 18:30:44
Receipt Date: 20080812
Manifest ID: 003208940JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL IND
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 2.7522
Waste Quantity: 660
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080605
Creation Date: 10/30/2008 18:30:46
Receipt Date: 20080612
Manifest ID: 003209130JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 2.7522
Waste Quantity: 660
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080410
Creation Date: 8/25/2008 18:30:24
Receipt Date: 20080417
Manifest ID: 003208783JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173

JENCO PLATING INC (Continued) **S113006653**

Trans 2 Name: ECOLOGY CONTROL IND
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 2.502
Waste Quantity: 600
Quantity Unit: G
Additional Code 1: D002
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080103
Creation Date: 5/21/2008 18:30:21
Receipt Date: 20080110
Manifest ID: 003208506JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: - Not reported
Quantity Tons: 1.6856
Waste Quantity: 2
Quantity Unit: Y
Additional Code 1: D007
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080103
Creation Date: 5/21/2008 18:30:21
Receipt Date: 20080110
Manifest ID: 003208506JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D008
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As

JENCO PLATING INC (Continued) **S113006653**

	Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD981450562
Shipment Date:	20121128
Creation Date:	2/17/2013 22:15:06
Receipt Date:	20121207
Manifest ID:	009651714JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	3.44025
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121128
Creation Date:	4/9/2013 22:15:07
Receipt Date:	20121203
Manifest ID:	009651715JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000177527
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1625
Waste Quantity:	325

JENCO PLATING INC (Continued) **S113006653**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121004
Creation Date:	12/20/2012 22:15:18
Receipt Date:	20121012
Manifest ID:	009651593JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120814
Creation Date:	9/28/2012 22:15:13
Receipt Date:	20120817
Manifest ID:	009652935JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D007
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	3.44025
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120702

JENCO PLATING INC (Continued) **S113006653**

Creation Date:	10/19/2012 22:15:36
Receipt Date:	20120712
Manifest ID:	009652823JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	3.44025
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120425
Creation Date:	5/28/2013 22:15:14
Receipt Date:	20120515
Manifest ID:	009652655JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120425
Creation Date:	5/28/2013 22:15:14
Receipt Date:	20120515
Manifest ID:	009652655JJK
Trans EPA ID:	CAD981377864
Trans Name:	IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION

JENCO PLATING INC (Continued) **S113006653**

TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D007
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120425
Creation Date: 6/15/2012 20:30:07
Receipt Date: 20120503
Manifest ID: 009652654JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 2.2935
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120314
Creation Date: 4/20/2012 20:30:44
Receipt Date: 20120321
Manifest ID: 009652514JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 3.44025

JENCO PLATING INC (Continued) **S113006653**

Waste Quantity: 825
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120109
Creation Date: 3/17/2012 20:30:22
Receipt Date: 20120119
Manifest ID: 008808288JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO-TECH INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons: 3.44025
Waste Quantity: 825
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAD981450562

Shipment Date: 19991123
Creation Date: 2/15/2000 0:00:00
Receipt Date: 19991206
Manifest ID: 98127072
Trans EPA ID: CAD982440364
Trans Name: Not reported
Trans 2 EPA ID: CAL931024038
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 1.6054
Waste Quantity: 385
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

JENCO PLATING INC (Continued) **S113006653**

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991123
Creation Date: 4/4/2000 0:00:00
Receipt Date: 19991214
Manifest ID: 98127085
Trans EPA ID: CAD982440364
Trans Name: Not reported
Trans 2 EPA ID: CAL931024038
Trans 2 Name: Not reported
TSDF EPA ID: TND000772186
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990813
Creation Date: 9/24/1999 0:00:00
Receipt Date: Not reported
Manifest ID: 99127974
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 5.004
Waste Quantity: 1200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990621
Creation Date: 8/16/1999 0:00:00
Receipt Date: Not reported
Manifest ID: 99125556
Trans EPA ID: CAD982403198
Trans Name: Not reported

JENCO PLATING INC (Continued) **S113006653**

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 2.2935
Waste Quantity: 550
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1997
Gen EPA ID: CAD981450562

Shipment Date: 19970213
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19970220
Manifest ID: 96402843
Trans EPA ID: OHD009865825
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: D99 - Disposal, Other
Quantity Tons: 1.3761
Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

NON-CASE INFO:
Name: JENCO PLATING INC
Address: 9536 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Global ID: T10000013496
Case Type: Non-Case Information
Status: Pending Review
Status Date: 09/23/2019
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: SM

JENCO PLATING INC (Continued) **S113006653**

Local Agency:	Not reported
RB Case Number:	Not reported
Loc Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	2019-09-23 00:00:00
How Discovered:	Not reported
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	34.051521
Longitude:	-118.06099
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000013496

HWTS:

Name:	JENCO PLATING INC
Address:	9536 RUSH ST
Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 917330000
EPA ID:	CAD981450562
Inactive Date:	Not reported
Create Date:	04/10/1987
Last Act Date:	07/09/2020
Mailing Name:	Not reported
Mailing Address:	9536 RUSH ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH EL MONTE, CA 917330000
Owner Name:	PAMELA J COOKE
Owner Address:	9536 RUSH ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH EL MONTE, CA 917331537
Contact Name:	PAMELA J COOKE PRESIDENT
Contact Address:	9536 RUSH ST
Contact Address 2:	Not reported
City,State,Zip:	SOUTH EL MONTE, CA 91733

NAICS:

EPA ID:	CAD981450562
Create Date:	2002-03-14 16:36:26.000
NAICS Code:	332813
NAICS Description:	Electroplating, Plating, Polishing, Anodizing, and Coloring
Issued EPA ID Date:	1987-04-10 00:00:00
Inactive Date:	Not reported
Facility Name:	JENCO PLATING INC
Facility Address:	9536 RUSH ST
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917330000

EPA ID:	CAD981450562
Create Date:	2002-03-14 16:36:26.000
NAICS Code:	332813
NAICS Description:	Electroplating, Plating, Polishing, Anodizing, and Coloring

JENCO PLATING INC (Continued) **S113006653**

Issued EPA ID Date:	1987-04-10 00:00:00
Inactive Date:	Not reported
Facility Name:	JENCO PLATING INC
Facility Address:	9536 RUSH ST
Facility Address 2:	Not reported
Facility City:	SOUTH EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917330000

AT311
South
1/4-1/2
0.390 mi.
2057 ft.

UNOCAL #3520
9408 RUSH ST E
SOUTH EL MONTE, CA 91733

Site 1 of 2 in cluster AT

Databases: **LUST, Cortese, HIST CORTESE, CERS**
EDR ID Number: **S101296145**
EPA ID Number: **N/A**

Relative: **Lower**

Actual: **234 ft.**

LUST:

Name:	UNOCAL #3520
Address:	9408 RUSH ST E
City,State,Zip:	SOUTH EL MONTE, CA 91733
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704623
Global Id:	T0603704623
Latitude:	34.0517095
Longitude:	-118.0640062
Status:	Completed - Case Closed
Status Date:	02/15/2002
Case Worker:	JFL
RB Case Number:	R-03664
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603704623
Contact Type:	Regional Board Caseworker
Contact Name:	JOE F. LUERA
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	joe.luera@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603704623
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

UNOCAL #3520 (Continued) **S101296145**

LUST:
Global Id: T0603704623
Action Type: Other
Date: 06/26/1995
Action: Leak Discovery

Global Id: T0603704623
Action Type: Other
Date: 06/08/1995
Action: Leak Stopped

Global Id: T0603704623
Action Type: Other
Date: 05/11/1988
Action: Leak Reported

LUST:
Global Id: T0603704623
Status: Open - Case Begin Date
Status Date: 05/11/1988

Global Id: T0603704623
Status: Open - Site Assessment
Status Date: 06/26/1995

Global Id: T0603704623
Status: Open - Site Assessment
Status Date: 07/08/1996

Global Id: T0603704623
Status: Open - Site Assessment
Status Date: 07/19/1997

Global Id: T0603704623
Status: Completed - Case Closed
Status Date: 02/15/2002

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-03664
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603704623
W Global ID: Not reported
Staff: JFL
Local Agency: 19000
Cross Street: ROSEMEAD BLVD
Enforcement Type: Not reported
Date Leak Discovered: 6/26/1995

UNOCAL #3520 (Continued) **S101296145**

Date Leak First Reported: 5/11/1988
Date Leak Record Entered: 5/31/1988
Date Confirmation Began: Not reported
Date Leak Stopped: 6/8/1995
Date Case Last Changed on Database: 7/3/2002
Date the Case was Closed: 2/15/2002
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1016.7019473078275151792611582
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 6/26/1995
Preliminary Site Assessment Began: 7/8/1996
Pollution Characterization Began: 7/19/1997
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: 11/25/1997
Hist Max MTBE Conc in Groundwater: 2200
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: DENNIS CARLSON
RP Address: 376 S. VALENCIA AVE.
Program: LUST
Lat/Long: 34.0517095 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: LOP/MODERATE - POTENTIAL WATER IMPACT
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: 4 USTS REMOVED 1968, 3 USTS REMOVED 9/94 ; 10/6/00 3RD QTR GW MON RPT 2000; 12/31/00 4TH QTR GW MON RPT 2000; 4/13/01 1ST QTR VE SYSTEM O&M RPT

CORTESE:
Name: UNOCAL #3520
Address: 9408 RUSH ST E
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603704623
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported

UNOCAL #3520 (Continued) **S101296145**

Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: UNOCAL #3520
edr_fadd1: 9408 RUSH
City,State,Zip: EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: R-03664

CERS:
Name: UNOCAL #3520
Address: 9408 RUSH ST E
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 245825
CERS ID: T0603704623
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: JOE F. LUERA - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH STREET, SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AQ312 **SSE** **1/4-1/2** **0.391 mi.** **2067 ft.**	**BULWARK CORP.** **9624 RUSH ST** **SOUTH EL MONTE, CA 91733** **Site 3 of 5 in cluster AQ**	**CPS-SLIC** **EMI** **WIP** **CERS**	**S103677341** **N/A**

Relative: **Lower**

Actual: **238 ft.**

CPS-SLIC:

Name: BULWARK CORP.
Address: 9624 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 06/23/1997
Global Id: SL603798762
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.051632437867
Longitude: -118.059079446015
Case Type: Cleanup Program Site
Case Worker: SLH
Local Agency: Not reported
RB Case Number: 107.0669
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

EMI:

Name: BULWARK CORP
Address: 9624 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2002
County Code: 19
Air Basin: SC
Facility ID: 140
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: BULWARK CORP
Address: 9624 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2003
County Code: 19
Air Basin: SC
Facility ID: 140
Air District Name: SC
SIC Code: 3479

BULWARK CORP. (Continued) **S103677341**

Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: BULWARK CORP
Address: 9624 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 140
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.0428
Reactive Organic Gases Tons/Yr: 0.02
Carbon Monoxide Emissions Tons/Yr: 0.0903
NOX - Oxides of Nitrogen Tons/Yr: 0.335
SOX - Oxides of Sulphur Tons/Yr: 0.00214
Particulate Matter Tons/Yr: 0.2918
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.28

Name: BULWARK CORP
Address: 9624 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 917330000
Year: 2006
County Code: 19
Air Basin: SC
Facility ID: 140
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0284225485551871151
Reactive Organic Gases Tons/Yr: .012
Carbon Monoxide Emissions Tons/Yr: .061
NOX - Oxides of Nitrogen Tons/Yr: .227
SOX - Oxides of Sulphur Tons/Yr: .001
Particulate Matter Tons/Yr: .156
Part. Matter 10 Micrometers and Smllr Tons/Yr:.14654

Name: BULWARK CORP
Address: 9624 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 96003
Year: 2007
County Code: 19
Air Basin: SC

BULWARK CORP. (Continued) **S103677341**

Facility ID: 140
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0284225485551871151
Reactive Organic Gases Tons/Yr: .012
Carbon Monoxide Emissions Tons/Yr: .061
NOX - Oxides of Nitrogen Tons/Yr: .227
SOX - Oxides of Sulphur Tons/Yr: .001
Particulate Matter Tons/Yr: .156
Part. Matter 10 Micrometers and Smllr Tons/Yr:.14654

WIP:
Name: BULWARK CORP.
Address: 9624 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0669
File Status: Active
Staff: REHE
Facility Suite: Not reported

CERS:
Name: BULWARK CORPORATION
Address: 9624 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 13991
CERS ID: SL603798762
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: STEFANIE HADA - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street, Ste. 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766659

AQ313 **ROBERT BRKICH CONSTRUCTION** **LUST** **S100272212**
SSE **9638 RUSH ST** **Cortese** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
0.394 mi. **WIP**
2078 ft. **Site 4 of 5 in cluster AQ** **CERS**

Relative: Lower
Actual: 238 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-16223
Status: Case Closed
Substance: Gasoline

ROBERT BRKICH CONSTRUCTION (Continued) **S100272212**

Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704396
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: ROSEMEAD
Enforcement Type: 222
Date Leak Discovered: 9/12/1991
Date Leak First Reported: 11/12/1991
Date Leak Record Entered: 12/20/1991
Date Confirmation Began: Not reported
Date Leak Stopped: 9/12/1991
Date Case Last Changed on Database: 9/20/1993
Date the Case was Closed: 9/16/1993
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: BRKICH, ROBERT
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2371.8974914081741890900788094
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 4/12/1991
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 1/1/1965
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: ROBERT BRKICH CONSTRUCTION
RP Address: P.O. BOX 1546, ARCADIA, 91077
Program: LUST
Lat/Long: 34.0517335 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: OLD CASE #123191-04

CORTESE:
Name: ROBERT BRKICH CONSTRUCTION
Address: 9638 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733

ROBERT BRKICH CONSTRUCTION (Continued) **S100272212**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603704396
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

LOS ANGELES CO. HMS:

Name:	ROBERT BRKICH
Address:	9638 RUSH ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	Not reported
Facility Id:	015175-016223
Facility Type:	Not reported
Facility Status:	Removed
Area:	3U
Permit Number:	Not reported
Permit Status:	Not reported

WIP:

Name:	BRKICH BROTHERS CORP.
Address:	9638 Rush St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1186
File Status:	**Historical**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	ROBERT BRKICH CONSTRUCTION
Address:	9638 RUSH ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	191783
CERS ID:	T0603704396
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY

ROBERT BRKICH CONSTRUCTION (Continued) **S100272212**

Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AQ314 **ROBERT BRKICH CONSTRUCTIO** **LUST** **S105025939**
SSE **9638 RUSH** **HIST CORTESE** **N/A**
1/4-1/2 **S EL MONTE, CA 91733**
0.394 mi.
2078 ft. **Site 5 of 5 in cluster AQ**

Relative: **Lower**
Actual: **238 ft.**

LUST:
Name: ROBERT BRKICH CONSTRUCTION
Address: 9638 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704396
Global Id: T0603704396
Latitude: 34.0518005
Longitude: -118.0585627
Status: Completed - Case Closed
Status Date: 09/16/1993
Case Worker: JOA
RB Case Number: I-16223
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603704396
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704396
Contact Type: Regional Board Caseworker

ROBERT BRKICH CONSTRUCTIO (Continued) **S105025939**

Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704396
Action Type: Other
Date: 09/12/1991
Action: Leak Discovery

Global Id: T0603704396
Action Type: Other
Date: 09/12/1991
Action: Leak Stopped

Global Id: T0603704396
Action Type: Other
Date: 11/12/1991
Action: Leak Reported

LUST:
Global Id: T0603704396
Status: Open - Case Begin Date
Status Date: 04/12/1991

Global Id: T0603704396
Status: Open - Site Assessment
Status Date: 04/12/1991

Global Id: T0603704396
Status: Completed - Case Closed
Status Date: 09/16/1993

HIST CORTESE:
edr_fname: ROBERT BRKICH CONSTRUCTIO
edr_fadd1: 9638 RUSH
City,State,Zip: S EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-16223

AR315 **ALUM-A-COAT INC** **ENVIROSTOR** **S122221852**
ESE **2439 SEAMAN AVENUE** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733**
0.410 mi.
2163 ft. **Site 3 of 4 in cluster AR**

Relative:
Higher
Actual:
254 ft.

ENVIROSTOR:
Name: ALUM-A-COAT INC
Address: 2439 SEAMAN AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733

ALUM-A-COAT INC (Continued) **S122221852**

Facility ID: 19340725
Status: Refer: Other Agency
Status Date: 04/26/1984
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 22
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.05655
Longitude: -118.0532
APN: 8102008018
Past Use: NONE SPECIFIED
Potential COC: * HYDROCARBON SOLVENTS * ACID SOLUTION 2>PH WITH METALS * UNSPECIFIED SLUDGE WASTE
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 8102008018
Alias Type: APN
Alias Name: CAT080012818
Alias Type: EPA Identification Number
Alias Name: 110018980236
Alias Type: EPA (FRS #)
Alias Name: 19340725
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/26/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Database verification project; NFA confirmed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/26/1984
Comments: FACILITY DRIVE-BY ASAP STAFF. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Future Area Name: Not reported
Future Sub Area Name: Not reported

ALUM-A-COAT INC (Continued) **S122221852**

Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AR316
ESE
1/4-1/2
0.410 mi.
2163 ft.
Relative: Higher
Actual: 254 ft.

ALUM-A-COAT INC
9859 KALE ST
SOUTH EL MONTE, CA 91733

Site 4 of 4 in cluster AR

SEMS-ARCHIVE, RCRA-LQG, CPS-SLIC, HIST UST, CHMIRS, HAZNET, LOS ANGELES CO. HMS, WIP, CERS, HWTS

1000294552
CAT080012818

SEMS Archive:
Site ID: 0902679
EPA ID: CAT080012818
Name: ALUM-A-COAT INC
Address: 9859 KALE ST
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
Cong District: 30
FIPS Code: 06037
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09
Site ID: 0902679
EPA ID: CAT080012818
Site Name: ALUM-A-COAT INC
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1985-02-01 06:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0902679
EPA ID: CAT080012818
Site Name: ALUM-A-COAT INC
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1

ALUM-A-COAT INC (Continued) **1000294552**

Start Date: 1984-08-01 05:00:00
Finish Date: 1985-02-01 06:00:00
Qual: N
Current Action Lead: St Perf

Region: 09
Site ID: 0902679
EPA ID: CAT080012818
Site Name: ALUM-A-COAT INC
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-02-01 05:00:00
Finish Date: 1981-02-01 05:00:00
Qual: Not reported
Current Action Lead: St Perf

RCRA-LQG:
Date Form Received by Agency: 2008-07-08 00:00:00.0
Handler Name: SANTOSHI CORP D.B.A. ALUM-A-COAT
Handler Address: 2439 SEAMAN AVE
Handler City,State,Zip: S. EL MONTE, CA 91733
EPA ID: CAT080012818
Contact Name: GREG J HART
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 626-444-7118
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2007
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 2439 SEAMAN AVE
Mailing City,State,Zip: S. EL MONTE, CA 91733
Owner Name: HARSHAD SHAH
Owner Type: Private
Operator Name: VIJAY SHAH
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No

ALUM-A-COAT INC (Continued) **1000294552**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2008-10-15 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2007

Click Here for Biennial Reporting System Data:

Year: 2001

Click Here for Biennial Reporting System Data:

ALUM-A-COAT INC (Continued) **1000294552**

Hazardous Waste Summary:
Waste Code: D002
Waste Description: CORROSIVE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: HARSHAD SHAH
Legal Status: Private
Date Became Current: 1991-12-07 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2439 SEAMAN AVE
Owner/Operator City,State,Zip: S. EL MONTE, CA 91733
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RAYMOND R HEGWER
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VIJAY SHAH
Legal Status: Private
Date Became Current: 1996-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: ALUM-A-COAT INC

ALUM-A-COAT INC (Continued) **1000294552**

Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-03-12 00:00:00.0
Handler Name: ALUM-A-COAT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1981-02-10 00:00:00.0
Handler Name: ALUM-A-COAT INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1990-04-14 00:00:00.0
Handler Name: ALUM-A-COAT INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-03-12 00:00:00.0
Handler Name: ALUM-A-COAT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

ALUM-A-COAT INC (Continued) **1000294552**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-07-08 00:00:00.0
Handler Name: SANTOSHI CORP D.B.A. ALUM-A-COAT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

ALUM-A-COAT INC (Continued) **1000294552**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: 2016-08-11 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: 2016-08-11 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

ALUM-A-COAT INC (Continued) **1000294552**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

ALUM-A-COAT INC (Continued) **1000294552**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

ALUM-A-COAT INC (Continued) **1000294552**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2016-01-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-01-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-08-11 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-01-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

ALUM-A-COAT INC (Continued) **1000294552**

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-08-11 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-01-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-01-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-01-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

CPS-SLIC:
Name: ALUM-A-COAT (SANTOSHI CORP.)
Address: 2439 SEAMAN AVE. & 9859 E. KALE ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 08/09/2016
Global Id: SL603798701
Lead Agency: LOS ANGELES RWQCB (REGION 4)

ALUM-A-COAT INC (Continued) **1000294552**

Lead Agency Case Number: Not reported
Latitude: 34.0565594416321
Longitude: -118.053390774483
Case Type: Cleanup Program Site
Case Worker: SM
Local Agency: Not reported
RB Case Number: 107.0024/107.0025
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Alum-A-Coat (Site) has been an aluminum anodizing facility since 1972. The site has been impacted by VOCs, PCE in particular.

Click here to access the California GeoTracker records for this facility:

HIST UST:
Name: ALUM - A - COAT INC
Address: 2439 SEAMAN AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 000262C8
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000262C8.pdf
Region: STATE
Facility ID: 00000047314
Facility Type: Other
Other Type: ALUMINUM ANODIZING
Contact Name: PETE RIOS, PLANT MANAGER
Telephone: 8185797141
Owner Name: ALUM - A - COAT, INC.
Owner Address: 2439 SEAMAN AVE.
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

ALUM-A-COAT INC (Continued) **1000294552**

Leak Detection: Visual

Click here for Geo Tracker PDF:

CHMIRS:

Name: Not reported
Address: 2439 SEAMAN STREET
City,State,Zip: SOUTH EL MONTE, CA 91733
OES Incident Number: 17-3237
OES notification: 05/04/2017
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Industrial Plant
Cleanup By: Contractor
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Type: CHEMICAL
Measure: Gal(s)
Other: Not reported
Date/Time: 1030
Year: 2017
Agency: EEC Environmental
Incident Date: 05/04/2017
Admin Agency: LACoFD Health Haz-Mat
Amount: Not reported
Contained: Yes
Site Type: Not reported

ALUM-A-COAT INC (Continued) **1000294552**

E Date:	Not reported
Substance:	15% Sulfuric Acid mixed with water
Quantity Released:	14-100
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Per the caller there was retrofitting of the system and a contractor broke a union causing the spill.

HAZNET:

Name:	BRENNTAG PACIFIC INC.
Address:	2439 SEAMAN AVE
Address 2:	Not reported
City,State,Zip:	S EL MONTE, CA 917331936
Contact:	RON NIETO
Telephone:	3238325000
Mailing Name:	Not reported
Mailing Address:	10747 PATTERSON PL
Year:	2016
Gepaid:	CAC002864073
TSD EPA ID:	CAD028409019
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0325

LOS ANGELES CO. HMS:

Name:	ALUM-A-COAT INC
Address:	9859 KALE ST
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	LA
Permit Category:	I
Facility Id:	003393-I03509
Facility Type:	01
Facility Status:	Closed
Area:	3U
Permit Number:	000010287
Permit Status:	Closed
Name:	ALUM-A-COAT INC

ALUM-A-COAT INC (Continued) **1000294552**

Address: 9859 KALE ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 003393-022116
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000012951
Permit Status: Closed

WIP:
Name: ALUM-A-COAT INC.
Address: 9859 E Kale St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0024
File Status: Active
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: ALUM-A-COAT (SANTOSHI CORP.)
Address: 2439 SEAMAN AVE. & 9859 E. KALE ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 213427
CERS ID: SL603798701
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: SHERVIN MILANI - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766705

HWTS:
Name: BRENNTAG PACIFIC INC.
Address: 2439 SEAMAN AVE
Address 2: Not reported
City,State,Zip: S EL MONTE, CA 917331936
EPA ID: CAC002864073
Inactive Date: 09/07/2016
Create Date: 06/07/2016
Last Act Date: 09/07/2016
Mailing Name: Not reported
Mailing Address: 10747 PATTERSON PL
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA FE SPRINGS, CA 906704043
Owner Name: BRENNTAG PACIFIC INC.
Owner Address: 10747 PATTERSON PL

ALUM-A-COAT INC (Continued) **1000294552**

Owner Address 2:	Not reported
Owner City,State,Zip:	SANTA FE SPRINGS, CA 906704043
Contact Name:	RON NIETO
Contact Address:	10747 PATTERSON PL
Contact Address 2:	Not reported
City,State,Zip:	SANTA FE SPRINGS, CA 906704043

317
SE
1/4-1/2
0.412 mi.
2176 ft.

B.I.G. ENTERPRISES, INC.
9702 RUSH ST.
SOUTH EL MONTE, CA 91733

CPS-SLIC S106484607
WIP N/A

Relative: Lower
Actual: 239 ft.

CPS-SLIC:

Name:	B.I.G. ENTERPRISES, INC.
Address:	9702 RUSH ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/29/2014
Global Id:	SL603798797
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0515468792919
Longitude:	-118.058841399965
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.1304
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	B.I.G. ENTERPRISES, INC.
Address:	9702 Rush St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1304
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

AU318 **SSW** **1/4-1/2** **0.413 mi.** **2182 ft.**

BOER GRAPHICS (ROBERT GRAPHIC ARTS)
9323 RUSH ST
S EL MONTE, CA 91733

Site 1 of 2 in cluster AU

Database(s): **ENVIROSTOR HWP CERS**
EDR ID Number: **S109467235**
EPA ID Number: **N/A**

Relative: **Lower**
Actual: **230 ft.**

ENVIROSTOR:

Name:	BOER GRAPHICS (ROBERT GRAPHIC ARTS)
Address:	9323 RUSH ST
City,State,Zip:	S EL MONTE, CA 917330000
Facility ID:	80001533
Status:	Inactive - Needs Evaluation
Status Date:	11/01/2018
Site Code:	Not reported
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Unknown
Division Branch:	Cleanup Chatsworth
Assembly:	57
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.05233
Longitude:	-118.0663
APN:	5281020025
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	5281020025
Alias Type:	APN
Alias Name:	CAD008246746
Alias Type:	EPA Identification Number
Alias Name:	80001533
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

BOER GRAPHICS (ROBERT GRAPHIC ARTS) (Continued) **S109467235**

HWP:

EPA ID:	CAD008246746
Name:	BOER GRAPHICS (ROBERT GRAPHIC ARTS)
Address:	9323 RUSH ST
Cleanup Status:	PROTECTIVE FILER
Latitude:	34.05233
Longitude:	-118.0663
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Senate District:	22
Assembly District:	57
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Not reported
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	91-95%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAD008246746
Facility Type:	Historical - Non-Operating
Facility Name:	BOER GRAPHICS (ROBERT GRAPHIC ARTS)
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	PROTECTIVE FILER
Activity Type:	Protective Filer Status
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	Not reported
Title Description:	Protective Filer
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKTRT1
Event Description:	Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date:	04/30/1989

EPA ID:	CAD008246746
Facility Type:	Historical - Non-Operating
Facility Name:	BOER GRAPHICS (ROBERT GRAPHIC ARTS)
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	PROTECTIVE FILER
Activity Type:	Protective Filer Status
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	Not reported

BOER GRAPHICS (ROBERT GRAPHIC ARTS) (Continued) **S109467235**

Type: Not reported
Title Description: Protective Filer
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKTRT1
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date: 12/07/1989

CERS:
Name: BOER GRAPHICS (ROBERT GRAPHIC ARTS)
Address: 9323 RUSH ST
City,State,Zip: S EL MONTE, CA 917330000
Site ID: 197938
CERS ID: CAD008246746
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: INACTIVE,UNDELIVERABLE 96 FEE
Entity Title: Not reported
Affiliation Address: 9323 RUSH ST
Affiliation City: S. EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 917330000
Affiliation Phone: 8185793013

Affiliation Type Desc: Facility Owner
Entity Name: ROBERT GRAPHIC ARTS
Entity Title: Not reported
Affiliation Address: 9323 RUSH ST
Affiliation City: S. EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 917330000
Affiliation Phone: 8185793013

AU319 **PARAGON PRESS** **SEMS-ARCHIVE** **1000219311**
SSW **9323 RUSH ST** **RCRA-TSDF** **CAD008246746**
1/4-1/2 **SOUTH EL MONTE, CA 91733** **RCRA NonGen / NLR**
0.413 mi. **FINDS**
2182 ft. **Site 2 of 2 in cluster AU** **ECHO**
LOS ANGELES CO. HMS

Relative: Lower

Actual: 230 ft.

SEMS Archive:
Site ID: 0903369
EPA ID: CAD008246746
Name: BOER GRAPHICS
Address: 9323 RUSH ST
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
Cong District: 30
FIPS Code: 06037
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

PARAGON PRESS (Continued) **1000219311**

SEMS Archive Detail:

Region: 09
Site ID: 0903369
EPA ID: CAD008246746
Site Name: BOER GRAPHICS
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 2003-06-06 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0903369
EPA ID: CAD008246746
Site Name: BOER GRAPHICS
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 2001-10-01 04:00:00
Finish Date: 2002-09-27 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0903369
EPA ID: CAD008246746
Site Name: BOER GRAPHICS
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1990-08-24 04:00:00
Finish Date: 1990-08-24 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

RCRA NonGen / NLR:

Date Form Received by Agency: 1993-10-19 00:00:00.0
Handler Name: PARAGON PRESS
Handler Address: 9323 RUSH ST
Handler City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAD008246746
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported

PARAGON PRESS (Continued) **1000219311**

Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	CA
State District:	3
Mailing Address:	9323 RUSH ST
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	ROBERT GRAPHIC ARTS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

PARAGON PRESS (Continued) **1000219311**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:23:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT GRAPHIC ARTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9323 RUSH ST
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	213-579-3013
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PARAGON PRESS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9323 RUSH ST
Owner/Operator City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner/Operator Telephone:	818-442-8066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-10-19 00:00:00.0
Handler Name: PARAGON PRESS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

PARAGON PRESS (Continued) **1000219311**

Electronic Manifest Broker: Not reported

Receive Date: 1992-10-08 00:00:00.0
Handler Name: PARAGON PRESS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32311
NAICS Description: PRINTING

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 1985-10-28 00:00:00.0
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 1985-10-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

PARAGON PRESS (Continued) **1000219311**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

PARAGON PRESS (Continued) **1000219311**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 1989-08-29 00:00:00.0
Actual Return to Compliance Date: 1990-01-01 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

PARAGON PRESS (Continued) **1000219311**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1985-05-08 00:00:00.0
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1985-06-15 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 1985-05-08 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1987-05-06 00:00:00.0
Actual Return to Compliance Date: 1988-01-01 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

PARAGON PRESS (Continued) **1000219311**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 1987-06-23 00:00:00.0
Actual Return to Compliance Date: 1988-01-01 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

PARAGON PRESS (Continued) **1000219311**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1985-10-28 00:00:00.0
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 1985-10-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

PARAGON PRESS (Continued) **1000219311**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

PARAGON PRESS (Continued) **1000219311**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 1989-08-22 00:00:00.0
Actual Return to Compliance Date: 1990-01-01 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 003
Date of Enforcement Action: 1989-10-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1985-10-28 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

PARAGON PRESS (Continued) **1000219311**

Evaluation Date: 1985-11-07 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1985-05-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1989-08-29 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1990-01-01 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1985-05-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Scheduled Compliance Date: 1985-06-15 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-05-06 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA

PARAGON PRESS (Continued) **1000219311**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-01-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-06-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-01-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-05-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-11-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-11-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PARAGON PRESS (Continued) **1000219311**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:	1993-10-19 00:00:00.0
Handler Name:	PARAGON PRESS
Handler Address:	9323 RUSH ST
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD008246746
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	CA
State District:	3
Mailing Address:	9323 RUSH ST

PARAGON PRESS (Continued) **1000219311**

Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	ROBERT GRAPHIC ARTS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:23:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

PARAGON PRESS (Continued) **1000219311**

Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ROBERT GRAPHIC ARTS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9323 RUSH ST
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 213-579-3013
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PARAGON PRESS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9323 RUSH ST
Owner/Operator City,State,Zip: SOUTH EL MONTE, CA 91733
Owner/Operator Telephone: 818-442-8066
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1993-10-19 00:00:00.0
Handler Name: PARAGON PRESS
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-10-08 00:00:00.0
Handler Name: PARAGON PRESS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

PARAGON PRESS (Continued) **1000219311**

List of NAICS Codes and Descriptions:
NAICS Code: 32311
NAICS Description: PRINTING

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 1985-10-28 00:00:00.0
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 1985-10-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported

PARAGON PRESS (Continued) **1000219311**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PARAGON PRESS (Continued) **1000219311**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 1989-08-29 00:00:00.0
Actual Return to Compliance Date: 1990-01-01 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1985-05-08 00:00:00.0
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1985-06-15 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 1985-05-08 00:00:00.0

PARAGON PRESS (Continued) **1000219311**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1987-05-06 00:00:00.0
Actual Return to Compliance Date: 1988-01-01 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PARAGON PRESS (Continued) **1000219311**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 1987-06-23 00:00:00.0
Actual Return to Compliance Date: 1988-01-01 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported

PARAGON PRESS (Continued) **1000219311**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1985-10-28 00:00:00.0
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 1985-10-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PARAGON PRESS (Continued) **1000219311**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 1989-08-22 00:00:00.0
Actual Return to Compliance Date: 1990-01-01 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 003
Date of Enforcement Action: 1989-10-05 00:00:00.0

PARAGON PRESS (Continued) **1000219311**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1985-10-28 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1985-11-07 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1985-05-08 00:00:00.0
Evaluation Responsible Agency: State

PARAGON PRESS (Continued) **1000219311**

Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1989-08-29 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1990-01-01 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1985-05-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Scheduled Compliance Date: 1985-06-15 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-05-06 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1988-01-01 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-06-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1988-01-01 00:00:00.0

PARAGON PRESS (Continued) **1000219311**

Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-05-06 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1985-10-28 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1985-11-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1985-11-07 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1989-08-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1990-01-01 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

PARAGON PRESS (Continued) **1000219311**

FINDS:
Registry ID: 110002630742

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000219311
Registry ID: 110002630742
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002630742
Name: PARAGON PRESS
Address: 9323 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733

LOS ANGELES CO. HMS:
Name: PARAGON PRESS
Address: 9323 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 002139-020164
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000068099
Permit Status: Closed

AS320 **BARRY ZWAHLEN/PRIVATE PROPERTY** **LUST** **S103587521**
SW **2223 LOMA AVE** **Cortese** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733** **HIST CORTESE**
0.421 mi. **CERS**
2222 ft. **Site 2 of 2 in cluster AS**

Relative:
Lower

Actual:
231 ft.

LUST:
Name: BARRY ZWAHLEN/PRIVATE PROPERTY
Address: 2223 LOMA AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700165
Global Id: T0603700165
Latitude: 34.054159
Longitude: -118.069774
Status: Completed - Case Closed
Status Date: 07/30/1997
Case Worker: WIP
RB Case Number: 107.0416
Local Agency: LOS ANGELES COUNTY

BARRY ZWAHLEN/PRIVATE PROPERTY (Continued) **S103587521**

File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Not reported

LUST:
Global Id: T0603700165
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603700165
Contact Type: Regional Board Caseworker
Contact Name: WELL INVESTIGATION PROGRAM
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0603700165
Action Type: Other
Date: 08/24/1984
Action: Leak Reported

Global Id: T0603700165
Action Type: ENFORCEMENT
Date: 05/29/1986
Action: * Historical Enforcement

LUST:
Global Id: T0603700165
Status: Open - Case Begin Date
Status Date: 08/24/1984

Global Id: T0603700165
Status: Open - Site Assessment
Status Date: 12/12/1988

Global Id: T0603700165
Status: Completed - Case Closed
Status Date: 07/30/1997

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 107.0416
Status: Case Closed

BARRY ZWAHLEN/PRIVATE PROPERTY (Continued) **S103587521**

Substance: Solvents
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700165
W Global ID: Not reported
Staff: WIP
Local Agency: 19000
Cross Street: RUSH ST
Enforcement Type: EF
Date Leak Discovered: Not reported
Date Leak First Reported: 8/24/1984
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 7/30/1997
Date the Case was Closed: 7/30/1997
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1342.2591103760335453102475308
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 12/12/1988
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 5/29/1986
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: JC INCORPORATED
RP Address: 1115 W. FOOTHILL BLVD., ACADIA, CA 91006
Program: LUST
Lat/Long: 34.0532225 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: *INITIAL INVESTIGATION BY ANS **CLEANUP AND ABATEMENT ORDERED ISSUED 05/29/86 *** AB1803 UNIT I HANDLING (AB1) WORK IN PROGRESS OLD CASE #917330034

BARRY ZWAHLEN/PRIVATE PROPERTY (Continued) **S103587521**

CORTESE:

Name:	BARRY ZWAHLEN/PRIVATE PROPERTY
Address:	2223 LOMA AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603700165
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	BARRY ZWAHLEN/PRIVATE PRO
edr_fadd1:	2223 LOMA
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	107.0416

CERS:

Name:	BARRY ZWAHLEN/PRIVATE PROPERTY
Address:	2223 LOMA AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	191561
CERS ID:	T0603700165
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	WELL INVESTIGATION PROGRAM - LOS ANGELES RWQCB (REGION 4)

BARRY ZWAHLEN/PRIVATE PROPERTY (Continued) **S103587521**

Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AV321 **TEXACO #61-106-000570** **HIST CORTESE** **S103639073**
South **1955 ROSEMEAD** **N/A**
1/4-1/2 **SO EL MONTE, CA 91733**
0.425 mi.
2242 ft. **Site 1 of 4 in cluster AV**

Relative: **Lower**
Actual: **232 ft.**

HIST CORTESE:

edr_fname:	TEXACO #61-106-000570
edr_fadd1:	1955 ROSEMEAD
City,State,Zip:	SO EL MONTE, CA 91733
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-06035

AV322 **TEXACO #61-106-000570** **LUST** **S103282086**
South **1955 ROSEMEAD BLVD N** **Cortese** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733** **CERS**
0.425 mi.
2242 ft. **Site 2 of 4 in cluster AV**

Relative: **Lower**
Actual: **232 ft.**

LUST:

Name:	SHELL SERVICE STATION
Address:	1955 ROSEMEAD BLVD. N.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603792353
Global Id:	T0603792353
Latitude:	34.05149
Longitude:	-118.064784
Status:	Completed - Case Closed
Status Date:	11/01/2004
Case Worker:	NB
RB Case Number:	R-06035A
Local Agency:	LOS ANGELES COUNTY
File Location:	Regional Board
Local Case Number:	05823-026120
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603792353
Contact Type:	Local Agency Caseworker
Contact Name:	LAURA GAJDOS
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.

TEXACO #61-106-000570 (Continued) **S103282086**

City: ALHAMBRA
Email: Not reported
Phone Number: Not reported

Global Id: T0603792353
Contact Type: Regional Board Caseworker
Contact Name: NHAN BAO
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: nbao@waterboards.ca.gov
Phone Number: 2135766703

LUST:
Global Id: T0603792353
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603792353
Action Type: RESPONSE
Date: 01/15/2005
Action: Unknown

Global Id: T0603792353
Action Type: RESPONSE
Date: 05/07/2004
Action: Monitoring Report - Quarterly

Global Id: T0603792353
Action Type: ENFORCEMENT
Date: 04/14/2004
Action: Staff Letter

Global Id: T0603792353
Action Type: ENFORCEMENT
Date: 11/01/2004
Action: Closure/No Further Action Letter

Global Id: T0603792353
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603792353
Action Type: ENFORCEMENT
Date: 10/22/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0603792353
Action Type: Other
Date: 02/25/2002
Action: Leak Discovery

Global Id: T0603792353
Action Type: Other
Date: 09/30/2003

TEXACO #61-106-000570 (Continued) **S103282086**

Action: Leak Reported

Global Id: T0603792353
Action Type: RESPONSE
Date: 05/07/2004
Action: Soil and Water Investigation Report

Global Id: T0603792353
Action Type: RESPONSE
Date: 05/07/2004
Action: Other Report / Document

Global Id: T0603792353
Action Type: REMEDIATION
Date: 09/26/1986
Action: Excavation

LUST:
Global Id: T0603792353
Status: Open - Case Begin Date
Status Date: 02/25/2002

Global Id: T0603792353
Status: Open - Site Assessment
Status Date: 09/30/2003

Global Id: T0603792353
Status: Completed - Case Closed
Status Date: 11/01/2004

Name: TEXACO #61-106-000570
Address: 1955 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704711
Global Id: T0603704711
Latitude: 34.05149
Longitude: -118.064784
Status: Completed - Case Closed
Status Date: 03/19/1998
Case Worker: JOA
RB Case Number: R-06035
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

LUST:
Global Id: T0603704711
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE

TEXACO #61-106-000570 (Continued) **S103282086**

City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704711
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704711
Action Type: Other
Date: 03/19/1998
Action: Leak Reported

LUST:
Global Id: T0603704711
Status: Completed - Case Closed
Status Date: 03/19/1998

Global Id: T0603704711
Status: Open - Case Begin Date
Status Date: 03/19/1998

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-06035
Status: Case Closed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704711
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 3/19/1998
Date Leak Record Entered: 4/3/1998
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 3/19/1998
Date the Case was Closed: 3/19/1998
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported

TEXACO #61-106-000570 (Continued) **S103282086**

Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 843.4047819386949177882719339
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: TEXACO INC.
RP Address: 10 UNIVERSAL CITY PLAZA, UNIVERSAL CITY, CA 91608
Program: LUST
Lat/Long: 34.0515336 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: LAC DPW CLOSURE APPLICATION #207694

CORTESE:
Name: TEXACO #61-106-000570
Address: 1955 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603704711
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

TEXACO #61-106-000570 (Continued) **S103282086**

File Name: Active Open

CERS:

Name:	TEXACO #61-106-000570
Address:	1955 ROSEMEAD BLVD N
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	227340
CERS ID:	T0603704711
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

AV323 **SHELL SERVICE STATION** **LUST** **S103990656**
South **1955 ROSEMEAD BLVD.** **Cortese** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733**
0.425 mi.
2242 ft. **Site 3 of 4 in cluster AV**

Relative: Lower

Actual: 232 ft.

LUST:

Name:	SHELL SERVICE STATION
Address:	1955 ROSEMEAD BLVD.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603716237
Global Id:	T0603716237
Latitude:	34.0515955786247
Longitude:	-118.064659823418
Status:	Completed - Case Closed
Status Date:	07/03/2012
Case Worker:	HDN
RB Case Number:	R-06035B
Local Agency:	LOS ANGELES COUNTY
File Location:	Regional Board
Local Case Number:	5823-26120
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

SHELL SERVICE STATION (Continued) **S103990656**

LUST:

Global Id:	T0603716237
Contact Type:	Regional Board Caseworker
Contact Name:	HA D. NGUYEN
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200
City:	LOS ANGELES
Email:	hnguyen@waterboards.ca.gov
Phone Number:	2135766658

Global Id:	T0603716237
Contact Type:	Local Agency Caseworker
Contact Name:	SAM STEVENS
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	Not reported
Phone Number:	6264583507

LUST:

Global Id:	T0603716237
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Other Report / Document

Global Id:	T0603716237
Action Type:	RESPONSE
Date:	07/15/2011
Action:	Other Report / Document

Global Id:	T0603716237
Action Type:	RESPONSE
Date:	06/03/2011
Action:	Soil and Water Investigation Workplan

Global Id:	T0603716237
Action Type:	RESPONSE
Date:	01/15/2012
Action:	Soil and Water Investigation Report

Global Id:	T0603716237
Action Type:	RESPONSE
Date:	12/30/2011
Action:	Request for Closure

Global Id:	T0603716237
Action Type:	RESPONSE
Date:	01/15/2012
Action:	Conceptual Site Model

Global Id:	T0603716237
Action Type:	RESPONSE
Date:	01/15/2012
Action:	Monitoring Report - Semi-Annually

Global Id:	T0603716237

SHELL SERVICE STATION (Continued) **S103990656**

Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 04/07/2011
Action: Staff Letter

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 09/14/2011
Action: Staff Letter

Global Id: T0603716237
Action Type: Other
Date: 07/08/2005
Action: Leak Discovery

Global Id: T0603716237
Action Type: Other
Date: 07/08/2005
Action: Leak Reported

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 04/10/2012
Action: Notification - Preclosure

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 07/03/2012
Action: Closure/No Further Action Letter

Global Id: T0603716237
Action Type: RESPONSE
Date: 08/22/2009
Action: Other Report / Document

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 07/02/2012
Action: Closure/No Further Action Letter

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 07/07/2009
Action: Staff Letter

LUST:
Global Id: T0603716237
Status: Open - Case Begin Date

SHELL SERVICE STATION (Continued) **S103990656**

Status Date: 07/08/2005

Global Id: T0603716237
Status: Open - Site Assessment
Status Date: 07/27/2005

Global Id: T0603716237
Status: Open - Referred
Status Date: 04/21/2009

Global Id: T0603716237
Status: Open - Referred
Status Date: 04/28/2009

Global Id: T0603716237
Status: Open - Site Assessment
Status Date: 07/07/2009

Global Id: T0603716237
Status: Completed - Case Closed
Status Date: 07/03/2012

CORTESE:
Name: SHELL SERVICE STATION
Address: 1955 ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603716237
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

AV324 **SHELL SERVICE STATION** **LUST** **S106164644**
South **1955 ROSEMEAD BLVD. N.** **Cortese** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733** **CERS**
0.425 mi.
2242 ft. **Site 4 of 4 in cluster AV**

Relative: **Lower**
Actual: **232 ft.**

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	R-06035A
Status:	Pollution Characterization
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	05823-026120
Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603792353
W Global ID:	Not reported
Staff:	NB
Local Agency:	19000
Cross Street:	RUSH ST.
Enforcement Type:	SEL
Date Leak Discovered:	2/25/2002
Date Leak First Reported:	9/30/2003
Date Leak Record Entered:	Not reported
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	Not reported
How Leak Discovered:	Subsurface Monitoring
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	Not reported
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	9/30/2003
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	8/2/2002
Hist Max MTBE Conc in Groundwater:	0
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	ND
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BRADLEY CLARK
RP Address:	911 S. PRIMROSE AVE.
Program:	LUST
Lat/Long:	0 / 0
Local Agency Staff:	Not reported

SHELL SERVICE STATION (Continued) **S106164644**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CORTESE:
Name: SHELL SERVICE STATION
Address: 1955 ROSEMEAD BLVD. N.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603792353
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: SHELL SERVICE STATION
Address: 1955 ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 200924
CERS ID: T0603716237
CERS Description: Leaking Underground Storage Tank Cleanup Site

Coordinates:
Site ID: 200924
Facility Name: SHELL SERVICE STATION
Env Int Type Code: LUSTCS
Program ID: T0603716237
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.051596
Longitude: -118.064659

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LAURA GAJDOS - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.

SHELL SERVICE STATION (Continued) **S106164644**

Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SAM STEVENS - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: NHAN BAO - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 WEST 4TH STREET, SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766703

Affiliation Type Desc: Regional Board Caseworker
Entity Name: HA D. NGUYEN - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street, Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766658

Name: SHELL SERVICE STATION
Address: 1955 ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 200924
CERS ID: T0603792353
CERS Description: Leaking Underground Storage Tank Cleanup Site

Coordinates:
Site ID: 200924
Facility Name: SHELL SERVICE STATION
Env Int Type Code: LUSTCS
Program ID: T0603716237
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.051596
Longitude: -118.064659

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LAURA GAJDOS - LOS ANGELES COUNTY

SHELL SERVICE STATION (Continued) **S106164644**

Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SAM STEVENS - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: NHAN BAO - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 WEST 4TH STREET, SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766703

Affiliation Type Desc: Regional Board Caseworker
Entity Name: HA D. NGUYEN - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street, Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766658

AT325 **South** **1/4-1/2** **0.433 mi.** **2287 ft.** **Relative: Lower** **Actual: 233 ft.**	**LOS ANGELES DIE MOLD INC** **1942 N ROSEMEAD BLVD** **SOUTH EL MONTE, CA 91733** **Site 2 of 2 in cluster AT**	**RCRA-SQG** **LUST** **SWEEPS UST** **HIST UST** **FINDS** **ECHO** **HIST CORTESE** **LOS ANGELES CO. HMS** **WIP**	**1000102034** **CAD008343469**

RCRA-SQG:
Date Form Received by Agency: 1996-09-01 00:00:00.0
Handler Name: LOS ANGELES DIE MOLD INC
Handler Address: 1942 N ROSEMEAD BLVD
Handler City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAD008343469
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported

LOS ANGELES DIE MOLD INC (Continued) **1000102034**

Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	1942 N ROSEMEAD BLVD
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

LOS ANGELES DIE MOLD INC (Continued) **1000102034**

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2002-06-27 03:23:51.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: LOS ANGELES DIE MOLD INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

LOS ANGELES DIE MOLD INC (Continued) **1000102034**

Electronic Manifest Broker: Not reported

Receive Date: 1985-09-06 00:00:00.0
Handler Name: LOS ANGELES DIE MOLD INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 326199
NAICS Description: ALL OTHER PLASTICS PRODUCT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 001824
Status: Preliminary site assessment workplan submitted
Substance: Hydraulic Oil
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700031
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: 2/7/1989
Date Leak First Reported: 3/12/1990
Date Leak Record Entered: 3/5/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 2/7/1989
Date Case Last Changed on Database: 4/1/1991
Date the Case was Closed: Not reported
How Leak Discovered: Subsurface Monitoring
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported

LOS ANGELES DIE MOLD INC (Continued) **1000102034**

Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 994.40362984821406305428058 79
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 2/15/1990
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: LOS ANGELES DIE MOLD
RP Address: 1942 ROSEMEAD BLVD., SOUTH EL MONTE, 91733
Program: LUST
Lat/Long: 34.0514406 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:
Name: LOS ANGELES DIE MOLD
Address: 1942 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 1824
Number: 9
Board Of Equalization: 44-007591
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-001824-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

HIST UST:
Name: LOS ANGELES DIE MOLD
Address: 1942 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733

LOS ANGELES DIE MOLD INC (Continued) **1000102034**

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000041714
Facility Type: Other
Other Type: CUSTOM INJECTION MOL
Contact Name: Not reported
Telephone: 2132835184
Owner Name: REXNORD INC.
Owner Address: 350 N. SUNNY SLOPE
Owner City,St,Zip: BROOKFIELD, WI 53005
Total Tanks: 0001

Tank Num: 001
Container Num: ONE
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 001
Container Num: 101
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

FINDS:
Registry ID: 110002632884

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000102034
Registry ID: 110002632884
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002632884
Name: LOS ANGELES DIE MOLD INC
Address: 1942 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733

HIST CORTESE:
edr_fname: LOS ANGELES DIE MOLD

LOS ANGELES DIE MOLD INC (Continued) **1000102034**

edr_fadd1: 1942 ROSEMEAD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 001824

LOS ANGELES CO. HMS:
Name: LOS ANGELES DIE MOLD
Address: 1942 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 001749-I01824
Facility Type: 01
Facility Status: Removed
Area: 3U
Permit Number: 000005756
Permit Status: Removed

Name: LOS ANGELES DIE MOLD
Address: 1942 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 001749-001824
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000131T
Permit Status: Removed

WIP:
Name: LOS ANGELES DIE MOLD
Address: 1942 N Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0215
File Status: Historical
Staff: CORTEZ
Facility Suite: Not reported

326
East
1/4-1/2
0.438 mi.
2314 ft.

Relative:
Higher

Actual:
258 ft.

THERMAFOIL PRODS INC
2630 SEAMAN AVE
EL MONTE, CA 91733

RCRA-SQG
CPS-SLIC
FINDS
ECHO
HAZNET
WIP
CERS
HWTS

1000364767
CAD980889174

RCRA-SQG:
Date Form Received by Agency: 1996-09-01 00:00:00.0
Handler Name: THERMAFOIL PRODS INC
Handler Address: 2630 SEAMAN AVE
Handler City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980889174

THERMAFOIL PRODS INC (Continued) **1000364767**

Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	SEAMAN AVE
Mailing City,State,Zip:	EL MONTE, CA 91733
Owner Name:	CORP
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

THERMAFOIL PRODS INC (Continued) **1000364767**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name: THERMAFOIL PRODS INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

THERMAFOIL PRODS INC (Continued) **1000364767**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CPS-SLIC:
Name: THERMAFOIL PRODUCTS, INC.
Address: 2630 SEAMAN AVE.
City,State,Zip: EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 11/11/1997
Global Id: SL603798737
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0733024040698
Longitude: -118.030536434801
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0397
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

FINDS:
Registry ID: 110009533727

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110002637932

Click Here:

THERMAFOIL PRODS INC (Continued) **1000364767**

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000364767
Registry ID:	110002637932
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002637932
Name:	WESTERN CONTROLS EQUIPMENT COMPANY
Address:	2630 SEAMAN AVE
City,State,Zip:	EL MONTE, CA 91733
Envid:	1000364767
Registry ID:	110009533727
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009533727
Name:	THERMAFOIL PRODS INC
Address:	2630 SEAMAN AVE
City,State,Zip:	EL MONTE, CA 91733

HAZNET:

Name:	THERMAFOIL PRODS INC
Address:	2630 SEAMAN AVE
Address 2:	Not reported
City,State,Zip:	EL MONTE, CA 917330000
Contact:	INACTIVATED UNDELIVERABLE MAIL
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	2630 SEAMAN AVE
Year:	1993
Gepaid:	CAD980889174
TSD EPA ID:	CAD000088252
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.363
Year:	1993
Gepaid:	CAD980889174
TSD EPA ID:	CAD097030993
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	T01 - Treatment, Tank
Tons:	0.693
Year:	1990
Gepaid:	CAD980889174
TSD EPA ID:	CAT080011059
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H01 - Transfer Station
Tons:	0.3336

THERMAFOIL PRODS INC (Continued) **1000364767**

Year:	1990
Gepaid:	CAD980889174
TSD EPA ID:	CAT080033681
CA Waste Code:	-
Disposal Method:	01 -
Tons:	0

Year:	1988
Gepaid:	CAD980889174
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	R01 - Recycler
Tons:	0.417

Year:	1988
Gepaid:	CAD980889174
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	26.688

Year:	1986
Gepaid:	CAD980889174
TSD EPA ID:	CAD020748125
CA Waste Code:	112 -
Disposal Method:	T31 - Neutralization
Tons:	6.255

Additional Info:

Year:	1993
Gen EPA ID:	CAD980889174

Shipment Date:	19931028
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931028
Manifest ID:	93146807
Trans EPA ID:	CAD982483281
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

THERMAFOIL PRODS INC (Continued) **1000364767**

Shipment Date: 19930810
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930810
Manifest ID: 91642985
Trans EPA ID: CAL931024038
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: Not reported
TSDF Alt EPA ID: CAD097030993
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.693
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

WIP:
Name: THERMAFOIL PRODUCTS, INC.
Address: 2630 Seaman Ave
City,State,Zip: EL MONTE, CA 91733
Region: 4
File Number: 107.0397
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: THERMAFOIL PRODUCTS, INC.
Address: 2630 SEAMAN AVE.
City,State,Zip: EL MONTE, CA 91733
Site ID: 254684
CERS ID: SL603798737
CERS Description: Cleanup Program Site

HWTS:
Name: THERMAFOIL PRODS INC
Address: 2630 SEAMAN AVE
Address 2: Not reported
City,State,Zip: EL MONTE, CA 917330000
EPA ID: CAD980889174
Inactive Date: 01/01/1995
Create Date: 04/10/1987
Last Act Date: 07/24/2001
Mailing Name: Not reported
Mailing Address: 2630 SEAMAN AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: EL MONTE, CA 917330000
Owner Name: --

THERMAFOIL PRODS INC (Continued) **1000364767**

Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	INACTIVATED UNDELIVERABLE MAIL
Contact Address:	SURVEY NOV 1994
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

327
SW
1/4-1/2
0.444 mi.
2342 ft.

SUNRISE INDUSTRIES
2028 LOMA AVE
SOUTH EL MONTE, CA 91733

Database(s): **CPS-SLIC, CERS HAZ WASTE, WIP, CERS**

EDR ID Number: **S106484620**
EPA ID Number: **N/A**

Relative: **Lower**

Actual: **230 ft.**

CPS-SLIC:

Name:	SUNRISE INDUSTRIES
Address:	2028 LOMA AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/29/2014
Global Id:	SL603798810
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0485029209302
Longitude:	-118.046901283721
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.1563
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

Name:	AUTOPRO BODY & PAINT INC
Address:	2028 LOMA AVE # B
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	96305
CERS ID:	10284694
CERS Description:	Hazardous Waste Generator

WIP:

Name:	SUNRISE INDUSTRIES
Address:	2028 Loma Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1563
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

CERS:

SUNRISE INDUSTRIES (Continued) **S106484620**

Name:	AUTOPRO BODY & PAINT INC
Address:	2028 LOMA AVE # B
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	96305
CERS ID:	10284694
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	96305
Site Name:	AUTOPRO BODY & PAINT INC
Violation Date:	03-31-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/02/2017. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	96305
Site Name:	AUTOPRO BODY & PAINT INC
Violation Date:	03-31-2015
Citation:	22 CCR 23 66273.40(a)(3) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.40(a)(3)
Violation Description:	Failure of the universal waste handler who sends electronic devices, CRTs, and/or CRT glass to any foreign destination to complete the following: (1) Notify the Department 60 days prior to the intended export before any electronic devices, CRTs, and/or CRT glass are scheduled to leave the United States and cover all export activities extending over the next twelve (12) month or lesser period; (2) Concurrently send a copy of the notification required pursuant to subsection of this section, to the CUPA having jurisdiction over the universal waste handlerG s facility.
Violation Notes:	Returned to compliance on 08/02/2017. OBSERVATION: Copies of hazardous waste disposal records for waste solvent were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA by April 30, 2015.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	96305
Site Name:	AUTOPRO BODY & PAINT INC
Violation Date:	11-17-2020
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least

SUNRISE INDUSTRIES (Continued) **S106484620**

	three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	OBSERVATION: Uniform Hazardous Waste Manifests for used oil were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for used oil and submit copies to the CUPA inspector.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	96305
Site Name:	AUTOPRO BODY & PAINT INC
Violation Date:	11-17-2020
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	OBSERVATION: The business failed to establish and implement a business plan (CERS) when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	96305
Site Name:	AUTOPRO BODY & PAINT INC
Violation Date:	05-07-2018
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/17/2020. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. 2 x 55 gallon HW oil drums. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-31-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	BACH NGUYEN
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

SUNRISE INDUSTRIES (Continued) **S106484620**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-31-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	BACH NGUYEN
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Bach Nguyen, owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Bach Nguyen, owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-17-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-17-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Don Nguyen, worker
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Bach Nguyen
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District

SUNRISE INDUSTRIES (Continued) **S106484620**

Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Legal Owner
Entity Name: AUTOPRO BODY & PAINT INC
Entity Title: Not reported
Affiliation Address: 2028 LOMA AVE UNIT B
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 350-1978

Affiliation Type Desc: Operator
Entity Name: BACH NGUYEN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 536-3531

Affiliation Type Desc: Identification Signer
Entity Name: Bach Nguyen
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Charles Hofgaarden
Entity Title: Not reported
Affiliation Address: 891 Flintridge Ave
Affiliation City: LaCanada-Flintridge
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91011
Affiliation Phone: (818) 790-8401

Affiliation Type Desc: Environmental Contact
Entity Name: BACH NGUYEN
Entity Title: Not reported
Affiliation Address: 2028 LOMA AVE #B
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733

SUNRISE INDUSTRIES (Continued) **S106484620**

Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2028 LOMA AVENUE UNIT B
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: AUTOPRO BODY & PAINT INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: SUNRISE INDUSTRIES
Address: 2028 LOMA AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 236055
CERS ID: SL603798810
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AW328 **TED LEVINE DRUM CHICO (SITE 2)** **CPS-SLIC** **S122853938**
SSE **1913 AND 1927 CHICO AVENUE** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733**
0.446 mi.
2357 ft. **Site 1 of 2 in cluster AW**

Relative:
Lower

Actual:
234 ft.

CPS-SLIC:
Name: TED LEVINE DRUM CHICO (SITE 2)
Address: 1913 AND 1927 CHICO AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733-2943
Region: STATE
Facility Status: **Open - Assessment & Interim Remedial Action**
Status Date: 07/05/2018
Global Id: T10000011783
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported

TED LEVINE DRUM CHICO (SITE 2) (Continued) **S122853938**

Latitude: 34.05076
Longitude: -118.06045
Case Type: Cleanup Program Site
Case Worker: SLH
Local Agency: Not reported
RB Case Number: 107.0445A
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

AX329
SE
1/4-1/2
0.457 mi.
2411 ft.

WESTERN WELDING AND IRON
9823 RUSH ST
SOUTH EL MONTE, CA 91733

Site 1 of 3 in cluster AX

CPS-SLIC
WIP
CERS

S106484591
N/A

Relative: Higher

Actual: 244 ft.

CPS-SLIC:

Name: WESTERN WELDING AND IRON
Address: 9823 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Open - Inactive**
Status Date: 01/29/2015
Global Id: SL603798781
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.051854
Longitude: -118.054699
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.1087
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name: WESTERN WELDING AND IRON
Address: 9823 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1087
File Status: **Backlog**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:

Name: WESTERN WELDING AND IRON
Address: 9823 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 204725

WESTERN WELDING AND IRON (Continued) **S106484591**

CERS ID: SL603798781
CERS Description: Cleanup Program Site

330
WNW
1/4-1/2
0.461 mi.
2433 ft.

MARGE CARSON INC
9056 E GARVEY AVE
ROSEMEAD, CA 91770

CPS-SLIC
EMI
WIP
CERS

1001615085
N/A

Relative:
Higher

Actual:
243 ft.

CPS-SLIC:

Name:	MARGE CARSON INC.
Address:	9056 E. GARVEY
City,State,Zip:	ROSEMEAD, CA 91770
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/11/2004
Global Id:	SL603798819
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.062695
Longitude:	-118.070835
Case Type:	Cleanup Program Site
Case Worker:	CMC
Local Agency:	Not reported
RB Case Number:	107.1716
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

EMI:

Name:	MARGE CARSON INC
Address:	9056 E GARVEY AV
City,State,Zip:	ROSEMEAD, CA 917700889
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	24226
Air District Name:	SC
SIC Code:	2512
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15
Reactive Organic Gases Tons/Yr:	15
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MARGE CARSON INC
Address:	9056 E GARVEY AV
City,State,Zip:	ROSEMEAD, CA 917700889
Year:	1990

MARGE CARSON INC (Continued) **1001615085**

County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 32
Reactive Organic Gases Tons/Yr: 19
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC
Address: 9056 E GARVEY AV
City,State,Zip: ROSEMEAD, CA 917700889
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 56
Reactive Organic Gases Tons/Yr: 19
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC
Address: 9056 E GARVEY AVE
City,State,Zip: ROSEMEAD, CA 917700889
Year: 1996
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 71
Reactive Organic Gases Tons/Yr: 58
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC

MARGE CARSON INC (Continued) **1001615085**

Address: 9056 E GARVEY AV
City,State,Zip: ROSEMEAD, CA 917700889
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 65
Reactive Organic Gases Tons/Yr: 64
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC
Address: 9056 E GARVEY AV
City,State,Zip: ROSEMEAD, CA 917700889
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 65
Reactive Organic Gases Tons/Yr: 64
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC
Address: 9056 E GARVEY AV
City,State,Zip: ROSEMEAD, CA 917700889
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 65
Reactive Organic Gases Tons/Yr: 64
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

MARGE CARSON INC (Continued) **1001615085**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC
Address: 9056 E GARVEY AV
City,State,Zip: ROSEMEAD, CA 917700889
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 65
Reactive Organic Gases Tons/Yr: 64
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC
Address: 9056 E GARVEY AVE
City,State,Zip: ROSEMEAD, CA 917700889
Year: 2002
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2511
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC
Address: 9056 E GARVEY AVE
City,State,Zip: ROSEMEAD, CA 917700889
Year: 2003
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2511
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0

MARGE CARSON INC (Continued) **1001615085**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC
Address: 9056 E GARVEY AVE
City,State,Zip: ROSEMEAD, CA 917700889
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2511
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.9603007
Reactive Organic Gases Tons/Yr: 3.9
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: MARGE CARSON INC
Address: 9056 E GARVEY AVE
City,State,Zip: ROSEMEAD, CA 917700889
Year: 2005
County Code: 19
Air Basin: SC
Facility ID: 24226
Air District Name: SC
SIC Code: 2511
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.21652
Reactive Organic Gases Tons/Yr: 1.201800108
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

WIP:
Name: MARGE CARSON INC.
Address: 9056 E Garvey
City,State,Zip: ROSEMEAD, CA 91770
Region: 4
File Number: 107.1716
File Status: **Backlog**
Staff: UNIDENTIFIED
Facility Suite: Not reported

Name: MARGE CARSON INC.
Address: 9056 E Garvey Ave

MARGE CARSON INC (Continued) **1001615085**

City,State,Zip: ROSEMEAD, CA 91770
Region: 4
File Number: 107.1769
File Status: **Historical**
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: MARGE CARSON INC
Address: 9056 E. GARVEY AVE.
City,State,Zip: ROSEMEAD, CA 91770-3335
Site ID: 479173
CERS ID: 110000478368
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: AMER CONSLTNG GRP
Entity Title: Not reported
Affiliation Address: 23361 MADERO ST STE 220
Affiliation City: MISSIONVIEJO
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CURT M CHARMLEY LOS ANGELES RWQCB REGN 4TH
Entity Title: Not reported
Affiliation Address: 320 W 4TH ST NA SUITE 200
Affiliation City: LOSANGELES
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: OLIVIA GARCIA PATINO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AW331 **AIRCRAFT STAMPING CO., INC.** **CPS-SLIC** **U001569431**
SSE **1924 CHICO AVE** **HIST UST** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733** **ENF**
0.467 mi. **WIP**
2464 ft. **Site 2 of 2 in cluster AW** **CERS**

Relative: **Lower**
Actual: **234 ft.**

CPS-SLIC:
Name: AIRCRAFT STAMPING CO.
Address: 1924 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE

AIRCRAFT STAMPING CO., INC. (Continued) **U001569431**

Facility Status:	**Completed - Case Closed**
Status Date:	07/22/2013
Global Id:	SL603798757
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0504570225491
Longitude:	-118.059606441803
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.0585
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	AIRCRAFT STAMPING CO., INC.
Address:	1924 CHICO AVE
City,State,Zip:	SOUTH EL MONTE, CA 91733
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000047210
Facility Type:	Other
Other Type:	SHEET METAL
Contact Name:	MICHAEL D. NOLAN
Telephone:	2132831239
Owner Name:	AIRCRAFT STAMPING CO., INC.
Owner Address:	1924 NO. CHICO AVE.
Owner City,St,Zip:	SOUTH EL MONTE, CA 91733
Total Tanks:	0001

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

ENF:

Name:	AIRCRAFT STAMPING CO.
Address:	1924 CHICO
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	204757
Agency Name:	Aircraft Stamping Company
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1

AIRCRAFT STAMPING CO., INC. (Continued) **U001569431**

Place Latitude:	34.050512
Place Longitude:	-118.060021
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070585
Reg Measure Id:	152363
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	243750
Region:	4

AIRCRAFT STAMPING CO., INC. (Continued) **U001569431**

Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	04/17/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/17/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070585
Description:	NOV sent 4/17/03 for overdue emergent chemical survey report.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

WIP:

Name:	AIRCRAFT STAMPING CO.
Address:	1924 Chico Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0585
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	AIRCRAFT STAMPING CO.
Address:	1924 CHICO AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	200541
CERS ID:	SL603798757
CERS Description:	Cleanup Program Site

AY332	**HUBBLE SPECIALTY PRINTING**	**CPS-SLIC**	**S106484633**
NNW	**9300 WHITMORE ST**	**WIP**	**N/A**
1/4-1/2	**EL MONTE, CA 91731**	**CERS**	
0.473 mi.			
2499 ft.	**Site 1 of 3 in cluster AY**		

Relative: **Higher**

Actual: **243 ft.**

CPS-SLIC:

Name:	HUBBLE SPECIALTY PRINTING
Address:	9300 WHITMORE ST.
City,State,Zip:	EL MONTE, CA 91731
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/17/1995
Global Id:	SL603798824
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported

HUBBLE SPECIALTY PRINTING (Continued) **S106484633**

Latitude:	34.065815
Longitude:	-118.06622
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.1813
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	HUBBLE SPECIALTY PRINTING
Address:	9300 Whitmore St
City,State,Zip:	EL MONTE, CA 91731
Region:	4
File Number:	107.1813
File Status:	**Active**
Staff:	CORTEZ
Facility Suite:	Not reported

CERS:

Name:	HUBBLE SPECIALTY PRINTING
Address:	9300 WHITMORE ST.
City,State,Zip:	EL MONTE, CA 91731
Site ID:	245802
CERS ID:	SL603798824
CERS Description:	Cleanup Program Site

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333 NNW 1/4-1/2 0.478 mi. 2524 ft.	**TALCO PLASTICS INC. 3154 ROSEMEAD BLVD EL MONTE, CA 91731**	**CPS-SLIC SWEEPS UST WIP CERS**	**S102791431 N/A**

Relative: Higher

Actual: 247 ft.

CPS-SLIC:

Name:	TODD PIPE AND SUPPLY CO.
Address:	3154 ROSEMEAD BLVD.
City,State,Zip:	EL MONTE, CA 91706
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	05/26/1987
Global Id:	SL603798747
Lead Agency:	LA CNTY FIRE DEPT. (BILLING AND UST)
Lead Agency Case Number:	Not reported
Latitude:	34.064373
Longitude:	-118.065645
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.0449
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

TALCO PLASTICS INC. (Continued) **S102791431**

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:

Name:	TEONG H. KAY
Address:	3154 ROSEMEAD BLVD
City:	EL MONTE
Status:	Active
Comp Number:	14456
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

WIP:

Name:	TODD PIPE AND SUPPLY CO.
Address:	3154 Rosemead Blvd
City,State,Zip:	EL MONTE, CA 91706
Region:	4
File Number:	107.0449
File Status:	**Active**
Staff:	CORTEZ
Facility Suite:	Not reported

Name:	TALCO PLASTICS INC.
Address:	3154 Rosemead Blvd
City,State,Zip:	EL MONTE, CA 91731
Region:	4
File Number:	107.1582
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	TODD PIPE AND SUPPLY CO.
Address:	3154 ROSEMEAD BLVD.
City,State,Zip:	EL MONTE, CA 91706
Site ID:	241211
CERS ID:	SL603798747
CERS Description:	Cleanup Program Site

AX334 **SE** **1/4-1/2** **0.481 mi.** **2538 ft.**	**DERBY DINKS TRUCK PAINTING** **9831 RUSH ST** **SOUTH EL MONTE, CA 91733** **Site 2 of 3 in cluster AX**	**RCRA-SQG** **CPS-SLIC** **HIST UST** **FINDS** **ECHO** **LOS ANGELES CO. HMS** **WIP**	**1000165445** **CAD981650856**

Relative:
Higher

Actual:
244 ft.

RCRA-SQG:

Date Form Received by Agency:	1987-03-05 00:00:00.0
Handler Name:	DERBY DINKS TRUCK PAINTING
Handler Address:	9831 RUSH ST
Handler City,State,Zip:	SOUTH EL MONTE, CA 91733
EPA ID:	CAD981650856
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	9831 RUSH ST
Contact City,State,Zip:	SOUTH EL MONTE, CA 91733
Contact Telephone:	818-443-5884
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	RUSH ST
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	WHITT THOMAS
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline

DERBY DINKS TRUCK PAINTING (Continued) **1000165445**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WHITT THOMAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

DERBY DINKS TRUCK PAINTING (Continued) **1000165445**

Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1987-03-05 00:00:00.0
Handler Name: DERBY DINKS TRUCK PAINTING
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CPS-SLIC:
Name: DERBY DINKS TRUCK PAINTING
Address: 9831 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 06/05/1987
Global Id: T10000016112
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.05214
Longitude: -118.05463
Case Type: Cleanup Program Site
Case Worker: WIP
Local Agency: Not reported
RB Case Number: 107.0106
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:
Name: DERBY DINKS TRUCK PAINTING
Address: 9831 RUSH
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 0002898C

DERBY DINKS TRUCK PAINTING (Continued) **1000165445**

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002898C.pdf
Region: STATE
Facility ID: 00000041447
Facility Type: Other
Other Type: TRUCK PAINTING
Contact Name: WHITT
Telephone: 8184435884
Owner Name: T.E. WHITT
Owner Address: 9831 RUSH
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000025
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

FINDS:
Registry ID: 110002737487

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000165445
Registry ID: 110002737487
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002737487
Name: DERBY DINKS TRUCK PAINTING
Address: 9831 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733

LOS ANGELES CO. HMS:
Name: DERBY DINKS TRUCK PAINTING
Address: 9831 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 005758-I05968
Facility Type: 01
Facility Status: Closed
Area: 3U

DERBY DINKS TRUCK PAINTING (Continued) **1000165445**

Permit Number: 000006363
Permit Status: Closed

Name: DERBY DINKS TRUCK PAINTING
Address: 9831 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: Not reported
Facility Id: 005758-005968
Facility Type: Not reported
Facility Status: OPEN
Area: 3U
Permit Number: Not reported
Permit Status: Not reported

WIP:
Name: DERBY DINKS TRUCK PAINTING
Address: 9831 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0106
File Status: Historical
Staff: BPONEK
Facility Suite: Not reported

335
ENE
1/4-1/2
0.483 mi.
2548 ft.

PV MART INC
9900 GARVEY AVE
EL MONTE, CA 91733

SWRCY
CERS HAZ WASTE
HAZNET
HWTS

S107136980
N/A

Relative: Higher
Actual: 260 ft.

SWRCY:
Name: HABITAT RECYCLING
Address: 9900 GARVEY AVE
City,State,Zip: EL MONTE, CA
Reg Id: 44476
Cert Id: RC14501
Mailing Address: 4561 Alla Road #4
Mailing City: Marina Del Rey
Mailing State: CA
Mailing Zip Code: 90292
Website: Not reported
Email: silenlion@hotmail.com
Phone Number: (310) 650-7443
Rural: N
Operation Begin Date: 09/01/2009
Aluminium: Y
Glass: Y
Plastic: Y
Bimetal: Y
Hours of Operation: Mon - Sat 9:00 am - 5:00 pm; Sun Closed
Organization ID: 44473
Organization Name: Habitat Recycling

CERS HAZ WASTE:
Name: BUY LOW MARKET
Address: 9900 GARVEY AVE

PV MART INC (Continued) **S107136980**

City,State,Zip: EL MONTE, CA 91733
Site ID: 14239
CERS ID: 10447408
CERS Description: Hazardous Waste Generator

Violations:

Site ID: 14239
Site Name: Buy Low Market
Violation Date: 10-19-2018
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 08/29/2019. OBSERVATION: Five storage bins of waste consumer products located in the loading area were observed with an accumulation start date of August 2015 and a manifest/receipt demonstrating disposal within the past 180 days was not available. CORRECTIVE ACTION: Dispose of waste consumer products waste consumer products (Flammable, Poison, Alkaline, Oxidizer, and Acid) and submit a copy of the manifest/receipt to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 14239
Site Name: Buy Low Market
Violation Date: 07-17-2020
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency. Please contact Health Haz Mat at 323-890-4000 for assistance to complete CERS submittal.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 14239
Site Name: Buy Low Market
Violation Date: 08-29-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/16/2020. OBSERVATION: The business failed

PV MART INC (Continued) **S107136980**

to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. CERS submittal for Inventory not accepted. Submittal was Not Accepted on 8/5/2019 by VERONICA RIVERA for Los Angeles County Fire Department Comments by regulator: 1. Your hazardous materials inventory was not accepted in CERS based on failure to check the applicable new Federal Hazard Categories (24) on your reported chemical(s). For Instructions Copy and Paste link https://www.fire.lacounty.gov/wp-content/uploads/2018/05/New-Fed-Catagories-eff-Dec-28-2017-update-2.pdf Please review the Warning Signs, and or Required Fields, update as necessary, and resubmit. 2. Please correct the physical state for the chemical "Chlorodifluoromethane" to read as a solid and not liquid. If you have any questions, please call Data Operations Unit at (323)890-4000. Submittal was Not Accepted on 8/5/2019 by [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-16-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Erick Velasquez, Store Director
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Erick Velasquez, Store Director Inspected HW storage, warehouse/back room, and loading dock.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

PV MART INC (Continued) **S107136980**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Eric Velsaquez, store manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Erick Velasquez, Store Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Erick Velasquez, Store Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Rafael Sanchez, Store Director
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9900 Garvey Ave
Affiliation City: El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

PV MART INC (Continued) **S107136980**

Affiliation Type Desc: Environmental Contact
Entity Name: Numero Uno Acquisitions, LLC
Entity Title: Not reported
Affiliation Address: 6701 Wilson Ave.
Affiliation City: Los ANgeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90001
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Victor Ulloa
Entity Title: Facilities Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Victor Ulloa
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Numero Uno Acquisitions, LLC
Entity Title: Not reported
Affiliation Address: 6701 Wilson Ave
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90001
Affiliation Phone: (323) 217-5622

Affiliation Type Desc: Parent Corporation
Entity Name: Numero Uno Markets
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Numero Uno Store 11
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

PV MART INC (Continued) **S107136980**

Affiliation Zip: Not reported
Affiliation Phone: (626) 442-2174

HAZNET:

Name: PV MART INC
Address: 9900 GARVEY AVE
Address 2: Not reported
City,State,Zip: EL MONTE, CA 928050000
Contact: SHEILA VAZIN
Telephone: 3102180200
Mailing Name: Not reported
Mailing Address: 522 E. VERMONT AVENUE

Year: 2019
Gepaid: CAL000386323
TSD EPA ID: CAD028409019
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00834

Year: 2019
Gepaid: CAL000386323
TSD EPA ID: CAD028409019
CA Waste Code: 561 - Detergent waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02919

Year: 2019
Gepaid: CAL000386323
TSD EPA ID: CAD028409019
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00250

Year: 2019
Gepaid: CAL000386323
TSD EPA ID: CAD028409019
CA Waste Code: 232 - Pesticides and other waste associated with pesticide production
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00500

Year: 2016
Gepaid: CAL000386323
TSD EPA ID: CAD008364432
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0075

Year: 2016
Gepaid: CAL000386323
TSD EPA ID: CAD008364432

PV MART INC (Continued) **S107136980**

CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0105
Year:	2015
Gepaid:	CAL000386323
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0175

Additional Info:

Year:	2015
Gen EPA ID:	CAL000386323
Shipment Date:	20150820
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	014865663JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150820
Creation Date:	10/12/2015 22:15:20
Receipt Date:	20150824
Manifest ID:	014865663JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035

PV MART INC (Continued) **S107136980**

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.007
Waste Quantity: 14
Quantity Unit: P
Additional Code 1: D008
Additional Code 2: D007
Additional Code 3: D005
Additional Code 4: D001
Additional Code 5: Not reported

Shipment Date: 20150123
Creation Date: 4/21/2015 22:15:02
Receipt Date: 20150130
Manifest ID: 013795734JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D035
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0105
Waste Quantity: 21
Quantity Unit: P
Additional Code 1: D008
Additional Code 2: D007
Additional Code 3: D005
Additional Code 4: D001
Additional Code 5: Not reported

Shipment Date: 20150123
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 013795734JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

PV MART INC (Continued) **S107136980**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAL000386323

Shipment Date: 20150820
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 014865663JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0035
Waste Quantity: 7
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150820
Creation Date: 10/12/2015 22:15:20
Receipt Date: 20150824
Manifest ID: 014865663JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D035
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.007
Waste Quantity: 14
Quantity Unit: P
Additional Code 1: D008
Additional Code 2: D007
Additional Code 3: D005
Additional Code 4: D001
Additional Code 5: Not reported

PV MART INC (Continued) **S107136980**

Shipment Date:	20150123
Creation Date:	4/21/2015 22:15:02
Receipt Date:	20150130
Manifest ID:	013795734JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20150123
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	013795734JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	PV MART INC
Address:	9900 GARVEY AVE
Address 2:	Not reported
City,State,Zip:	EL MONTE, CA 917331230
EPA ID:	CAL000386323
Inactive Date:	06/30/2020
Create Date:	06/18/2013

PV MART INC (Continued) **S107136980**

Last Act Date:	01/04/2021
Mailing Name:	Not reported
Mailing Address:	522 E. VERMONT AVENUE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ANAHEIM, CA 928050000
Owner Name:	PAUL VAZIN
Owner Address:	522 E. VERMONT AVENUE
Owner Address 2:	Not reported
Owner City,State,Zip:	ANAHEIM, CA 928050000
Contact Name:	SHEILA VAZIN
Contact Address:	522 E VERMONT AVE
Contact Address 2:	Not reported
City,State,Zip:	ANAHEIM, CA 92805

NAICS:

EPA ID:	CAL000386323
Create Date:	2013-06-18 14:02:53.027
NAICS Code:	45291
NAICS Description:	Warehouse Clubs and Superstores
Issued EPA ID Date:	2013-06-18 14:02:53.02300
Inactive Date:	2020-06-30 00:00:00
Facility Name:	PV MART INC
Facility Address:	9900 GARVEY AVE
Facility Address 2:	Not reported
Facility City:	EL MONTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917331230

AX336
SE
1/4-1/2
0.484 mi.
2556 ft.

UNIVERSAL THREAD /SEALAND SUPPLIES CORP.
9810 RUSH ST
SOUTH EL MONTE, CA 91733

CPS-SLIC
WIP
CERS

S106484604
N/A

Site 3 of 3 in cluster AX

Relative: **Higher**

Actual: **243 ft.**

CPS-SLIC:

Name:	UNIVERSAL THREAD /SEALAND SUPPLIES CORP.
Address:	9810 RUSH ST.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/17/1995
Global Id:	SL603798794
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.051854
Longitude:	-118.054699
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	107.1268
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

UNIVERSAL THREAD /SEALAND SUPPLIES CORP. (Continued) **S106484604**

Click here to access the California GeoTracker records for this facility:

WIP:

Name: UNIVERSAL THREAD /SEALAND SUPPLIES CORP.
Address: 9810 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1268
File Status: **Active**
Staff: REHE
Facility Suite: Not reported

CERS:

Name: UNIVERSAL THREAD /SEALAND SUPPLIES CORP.
Address: 9810 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 248168
CERS ID: SL603798794
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AY337 **JAN & SCHUYLER COMPANY** **CPS-SLIC** **S106484590**
NNW **9240 WHITMORE ST** **WIP** **N/A**
1/4-1/2 **EL MONTE, CA 91731** **CERS**
0.487 mi.
2571 ft. **Site 2 of 3 in cluster AY**

Relative: Higher
Actual: 245 ft.

CPS-SLIC:

Name: JAN & SCHUYLER COMPANY
Address: 9240 WHITMORE ST.
City,State,Zip: EL MONTE, CA 91731
Region: STATE
Facility Status: **Open - Inactive**
Status Date: 01/29/2015
Global Id: SL603798780
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.065815
Longitude: -118.06622
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.1082
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply

JAN & SCHUYLER COMPANY (Continued) **S106484590**

Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: JAN & SCHUYLER COMPANY
Address: 9240 Whitmore St
City,State,Zip: EL MONTE, CA 91731
Region: 4
File Number: 107.1082
File Status: **Active**
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: JAN & SCHUYLER COMPANY
Address: 9240 WHITMORE ST.
City,State,Zip: EL MONTE, CA 91731
Site ID: 244606
CERS ID: SL603798780
CERS Description: Cleanup Program Site

AZ338 **FORMER COOPER DRUM CO. FACILITY, SUB-AREA 3A** **CPS-SLIC** **S106765211**
SSE **9629 EL POCHE ST** **WIP** **N/A**
1/4-1/2 **SOUTH EL MONTE, CA 91733** **CERS**
0.490 mi.
2585 ft. **Site 1 of 3 in cluster AZ**

Relative: **Lower**
Actual: **235 ft.**

CPS-SLIC:
Name: COOPER DRUM COMPANY, SUB-AREA 3C (FORMER)
Address: 9629 EL POCHE STREET
City,State,Zip: SOUTH EL MONTE, CA 91733-3030
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 03/06/2020
Global Id: SL0603743808
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0503537821926
Longitude: -118.059020340443
Case Type: Cleanup Program Site
Case Worker: SM
Local Agency: Not reported
RB Case Number: 107.0096
File Location: Archived
Potential Media Affected: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Acetone, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Chromium, Copper, Lead, Benzene, Xylene
Site History: The facility was a steel drum reconditioning plant. The plant received, cleaned, repaired, and painted metal drums. Drums were stored on dirt lot prior to be reconditioned and cleaned. Inside the plant, southeast portion, a pit collected residues from the drums. The plant had a concrete floor and spills were noticed everywhere according to a inspection on July 2, 1987. A blast furnace was located at the facility where drums were cooked followed by sandblasting and painting. The facility contained a large aboveground

FORMER COOPER DRUM CO. FACILITY, SUB-AREA 3A (Continued) **S106765211**

tank located in a concrete containment structure. The facility had numerous subsurface concrete filled vaults which appeared to have been used for storing old machinery. Cooper Drum began operations on June 30, 1983.

Click here to access the California GeoTracker records for this facility:

WIP:

Name: FORMER COOPER DRUM CO. FACILITY, SUB-AREA 3A
Address: 9629 EL POCHE ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0096
File Status: **Active**
Staff: CORTEZ
Facility Suite: 3A

CERS:

Name: COOPER DRUM COMPANY, SUB-AREA 3C (FORMER)
Address: 9629 EL POCHE STREET
City,State,Zip: SOUTH EL MONTE, CA 91733-3030
Site ID: 209617
CERS ID: SL0603743808
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: SHERVIN MILANI - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766705

AY339
North
1/4-1/2
0.490 mi.
2585 ft.

SOUTHERN CALIFORNIA GAS CO.
9407 WHITMORE ST
EL MONTE, CA 91731

CPS-SLIC **WIP** **CERS** — **S106484627** **N/A**

Site 3 of 3 in cluster AY

Relative: **Higher**
Actual: **244 ft.**

CPS-SLIC:

Name: SOUTHERN CALIFORNIA GAS CO.
Address: 9407 WHITMORE ST.
City,State,Zip: EL MONTE, CA 91731
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/17/1995
Global Id: SL603798817
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.065815
Longitude: -118.06622
Case Type: Cleanup Program Site
Case Worker: APC

SOUTHERN CALIFORNIA GAS CO. (Continued) **S106484627**

Local Agency:	Not reported
RB Case Number:	107.1714
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	SOUTHERN CALIFORNIA GAS CO.
Address:	9407 Whitmore St
City,State,Zip:	EL MONTE, CA 91731
Region:	4
File Number:	107.1714
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

CERS:

Name:	SOUTHERN CALIFORNIA GAS CO.
Address:	9407 WHITMORE ST.
City,State,Zip:	EL MONTE, CA 91731
Site ID:	239205
CERS ID:	SL603798817
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ALEX P. CARLOS - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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340 **ESE** **1/4-1/2** **0.493 mi.** **2604 ft.**	**MIL-SPEC PLATING CORPORATION** **2134 SEAMAN AVE** **SOUTH EL MONTE, CA 91733**	**CPS-SLIC** **HIST UST** **LA Co. Site Mitigation** **WDS** **WIP**	**U001569481** **N/A**

Relative: **Higher**

Actual: **252 ft.**

CPS-SLIC:

Name:	MIL-SPEC PLATING CORPORATION
Address:	2134 SEAMAN AVE.
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/31/1997
Global Id:	SL603798721
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.051858
Longitude:	-118.051792

MIL-SPEC PLATING CORPORATION (Continued) **U001569481**

Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0233
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:
Name: MIL-SPEC PLATING CORPORATION
Address: 2134 SEAMAN AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000033948
Facility Type: Other
Other Type: PLATING
Contact Name: CARLOS CARRILLO
Telephone: 8184424156
Owner Name: CARLOS CARRILLO
Owner Address: 810 DUVAL ST
Owner City,St,Zip: LA VERNE, CA 91750
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1970
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4
Leak Detection: Visual

LA Co. Site Mitigation:
Name: MIL-SPEC PLATING CORP.
Address: 2134 SEAMAN AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: FA0024176
Status: Not reported
Site ID: SD0010206
Jurisdiction: State
Case ID: RO0010206
Abated: Yes
Assigned To: Shahin Nourishad
Entered Date: 05/11/2004
Abated Date: 06/18/1996

WDS:
Name: MIL-SPEC PLATING CORP.
Address: 2134 Seaman Ave
City: SOUTH EL MONTE
Facility ID: 4 19I002127

MIL-SPEC PLATING CORPORATION (Continued) **U001569481**

Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	8184424156
Facility Contact:	Carrillo Carlos
Agency Name:	MIL-SPEC PLATING CORP.
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	3471
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	STORMS
Waste Type2:	Not reported
Waste2:	Stormwater Runoff
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:

Name:	MIL-SPEC PLATING CORPORATION
Address:	2134 Seaman Ave
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.0233
File Status:	**Active**
Staff:	CORTEZ
Facility Suite:	Not reported

AZ341 **SSE** **1/4-1/2** **0.498 mi.** **2630 ft.**	**L&L SCREW MACH. PROD. INC.** **9653 EL POCHE ST** **SOUTH EL MONTE, CA 91733** **Site 2 of 3 in cluster AZ**	**CPS-SLIC** **WIP** **CERS**	**S106484594** **N/A**

Relative:
Lower

Actual:
237 ft.

CPS-SLIC:

Name:	L & L SCREW MACHINE PRODUCTS, INC.
Address:	9653 EL POCHE STREET
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/21/2010
Global Id:	SL603798784
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.050337
Longitude:	-118.058107
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	107.1121
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Soil, Soil Vapor
Potential Contaminants of Concern:	Acetone, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History:	The Regional Board issued a No Further Action (NFA) letter on September 16, 1998 for soils only. On February 3, 2006, L & L Screw Products, Inc. entered a Consent Decree with USEPA through which settlement was determined by a cash-out. On March 31, 2008 the settlement was paid and the USEPA requirements were satisfied.

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	L&L SCREW MACH. PROD. INC.
Address:	9653 El Poche St
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
File Number:	107.1121
File Status:	**Active**
Staff:	REHE
Facility Suite:	Not reported

CERS:

Name:	L & L SCREW MACHINE PRODUCTS, INC.
Address:	9653 EL POCHE STREET
City,State,Zip:	SOUTH EL MONTE, CA 91733
Site ID:	254129
CERS ID:	SL603798784
CERS Description:	Cleanup Program Site

AZ342 **COOPER DRUM COMPANY** **ENVIROSTOR** **1000594211**
SSE **9630 EL POCHE STREET** **CPS-SLIC** **N/A**
1/2-1 **SOUTH EL MONTE, CA 91733** **ENF**
0.515 mi. **WIP**
2720 ft. **Site 3 of 3 in cluster AZ**

Relative: **Lower**
Actual: **235 ft.**

ENVIROSTOR:

Name:	COOPER DRUM COMPANY
Address:	9630 EL POCHE STREET
City,State,Zip:	SOUTH EL MONTE, CA 91733
Facility ID:	19500245
Status:	Refer: RWQCB
Status Date:	04/23/1991
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	57
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.04973
Longitude:	-118.0589
APN:	8117009005
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	8117009005
Alias Type:	APN
Alias Name:	19500245
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	03/29/1988
Comments:	FACILITY IDENTIFIED IDENTIFIED FROM DRIVEBY. COOPER DRUM HAS BEEN ON THE SITE SINCE 1983 AND OPERATED AS A DRUM RECONDITIONI NG FACILITY. TED LEVINE DRUM COMPANY FROM 1977-1981 ACT CONTAINER COMPANY FROM 1981-1983 MARCH 29, 1988 DHS INSPECTED THE FACILIT Y AND FOUND NUMEROUS VIOLATIONS. APRIL 11, 1990 COOPER DRUM PAID 20,000 DOLLARS AS CORRECTIVE ACTION SETTLEMENT. FACILIT Y USED A CONCRETE LINED SUMP FROM 1973- 1983 AND WAS CLOSED IN 1983. THE WASTE MATERIALS CONSIST OF THE RESIDUES OF THE DRUM CONTENTS GENERATED DURING RECON DITIONING. SOIL AND GROUND WATER CONTAMI NATED WITH THESE HAZARDOUS CHEMICALS. STAFF RECOMMENDING PENDING STATUS BECAUS E RWQCB IS CURRENTLY LEAD ON THE SITE.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported

COOPER DRUM COMPANY (Continued) **1000594211**

Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: FORMER COOPER DRUM COMPANY
Address: 9630 EL POCHE ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 07/28/1998
Global Id: T10000016107
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.04987
Longitude: -118.05897
Case Type: Cleanup Program Site
Case Worker: WIP
Local Agency: Not reported
RB Case Number: 107.0095
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Name: COOPER DRUM COMPANY
Address: 9630 EL POCHE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
Facility Id: 215655
Agency Name: Cooper Drum Company
Place Type: Facility
Place Subtype: Not reported
Facility Type: Not reported
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 34.050037
Place Longitude: -118.059642
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported

COOPER DRUM COMPANY (Continued) **1000594211**

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070095
Reg Measure Id:	156361
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	244315
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	04/17/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/17/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070095
Description:	NOV sent 4/17/03 for overdue emergent chemical survey report.
Program:	WIP

COOPER DRUM COMPANY (Continued) **1000594211**

Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	COOPER DRUM COMPANY
Address:	9630 EL POCHE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	215655
Agency Name:	Cooper Drum Company
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.050037
Place Longitude:	-118.059642
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070095
Reg Measure Id:	156361
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported

COOPER DRUM COMPANY (Continued) **1000594211**

Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	242675
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	01/19/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/19/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070095
Description:	Level 1 enforcement letter sent 1/19/00 for overdue soil investigation workplan.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	COOPER DRUM COMPANY
Address:	9630 EL POCHE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	215655
Agency Name:	Cooper Drum Company
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.050037
Place Longitude:	-118.059642

COOPER DRUM COMPANY (Continued) **1000594211**

SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070095
Reg Measure Id:	156361
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	239300
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation

COOPER DRUM COMPANY (Continued) **1000594211**

Effective Date:	04/04/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/04/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070095
Description:	Notice of Violation sent 4/4/00 for overdue soil RAP.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	COOPER DRUM COMPANY
Address:	9630 EL POCHE
City,State,Zip:	SOUTH EL MONTE, CA 91733
Region:	4
Facility Id:	215655
Agency Name:	Cooper Drum Company
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.050037
Place Longitude:	-118.059642
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING

COOPER DRUM COMPANY (Continued) **1000594211**

Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1070095
Reg Measure Id:	156361
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	239299
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/09/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/09/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1070095
Description:	Level 1 enforcement letter sent 2/9/00 for overdue soil assessment report.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

WIP:

Name:	FORMER COOPER DRUM COMPANY
Address:	9630 El Poche St

COOPER DRUM COMPANY (Continued) **1000594211**

City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0095
File Status: **Historical**
Staff: CORTEZ
Facility Suite: Not reported

---

343 **ESE** **1/2-1** **0.546 mi.** **2883 ft.**	**EL MONTE DISPOSAL SERVICE** **STORAGE YARD, MAPLE CANYON** **SOUTH EL MONTE, CA 91732**	**RESPONSE** **ENVIROSTOR** **HIST Cal-Sites**	**S100351189** **N/A**

Relative: **Higher**

Actual: **249 ft.**

RESPONSE:
Name: EL MONTE DISPOSAL SERVICE
Address: STORAGE YARD, MAPLE CANYON
City,State,Zip: SOUTH EL MONTE, CA 91732
Facility ID: 19490219
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 0.1
National Priorities List: NO
Cleanup Oversight Agencies: NONE SPECIFIED
Lead Agency Description: Not reported
Project Manager: Not reported
Supervisor: Sayareh Amirebrahimi
Division Branch: Cleanup Chatsworth
Site Code: Not reported
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 49
Senate: 22
Special Program Status: Not reported
Status: Certified
Status Date: 01/01/1983
Restricted Use: NO
Funding: Responsible Party
Latitude: 34.0525
Longitude: -118.0525
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE HAULER
Potential COC : Arsenic Benzene Lead TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride
Confirmed COC: 30001-NO 30003-NO 30013-NO 30024-NO 30025-NO 30026-NO 3002502-NO 30028-NO 30027-NO
Potential Description: SED, SOIL, SV
Alias Name: 110033605301
Alias Type: EPA (FRS #)
Alias Name: 19490219
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/01/1983
Comments: Certified. According to Tanner report, 118 cu yds of hazardous sludge was removed. A letter in the regional file indicates that the site was cleaned up about a week prior. The date of the memo was Feb 1,

EL MONTE DISPOSAL SERVICE (Continued) **S100351189**

1983. Therefore, absent a more specific date, January 1, 1983 was selected because it gives the earliest statute of limitations.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: EL MONTE DISPOSAL SERVICE
Address: STORAGE YARD, MAPLE CANYON
City,State,Zip: SOUTH EL MONTE, CA 91732
Facility ID: 19490219
Status: Certified
Status Date: 01/01/1983
Site Code: Not reported
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.1
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Sayareh Amirebrahimi
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.0525
Longitude: -118.0525
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE HAULER
Potential COC: Arsenic Benzene Lead TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride
Confirmed COC: 30001-NO 30003-NO 30013-NO 30024-NO 30025-NO 30026-NO 3002502-NO 30028-NO 30027-NO
Potential Description: SED, SOIL, SV
Alias Name: 110033605301
Alias Type: EPA (FRS #)
Alias Name: 19490219
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/01/1983
Comments: Certified. According to Tanner report, 118 cu yds of hazardous sludge was removed. A letter in the regional file indicates that the site

EL MONTE DISPOSAL SERVICE (Continued) **S100351189**

was cleaned up about a week prior. The date of the memo was Feb 1, 1983. Therefore, absent a more specific date, January 1, 1983 was selected because it gives the earliest statute of limitations.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:
Name: EL MONTE DISPOSAL SERVICE
Address: STORAGE YARD, MAPLE CANYON
City: SOUTH EL MONTE
Region: GLENDALE
Facility ID: 19490219
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: SA
Branch Name: SO CAL - GLENDALE
File Name: Not reported
State Senate District: 01011983
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: N/A
NPL: Not Listed
SIC Code: 49
SIC Name: ELECTRIC, GAS & SANITARY SERVICES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 49
State Senate District Code: 30
Facility ID: 19490219
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01011983
Est Person-Yrs to complete: 0
Estimated Size: Not reported

EL MONTE DISPOSAL SERVICE (Continued) **S100351189**

Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: STORAGE YARD, MAPLE CANYON
Alternate City,St,Zip: SOUTH EL MONTE, CA 91732
Alternate Address: 2012 SEAMAN AVE
Alternate City,St,Zip: EL MONTE, CA 91733
Background Info: Not reported
Comments Date: 01011983
Comments: Certified. According to Tanner report, 118 cu yds of
Comments Date: 01011983
Comments: hazardous sludge was removed. A letter in the regional file
Comments Date: 01011983
Comments: indicates that the site was cleaned up about a week prior.
Comments Date: 01011983
Comments: The date of the memo was Feb 1, 1983. Therefore, absent a
Comments Date: 01011983
Comments: more specific date, January 1, 1983 was selected because it
Comments Date: 01011983
Comments: gives the earliest statute of limitations.
ID Name: Not reported
ID Value: Not reported
Alternate Name: EL MONTE DISPOSAL SERVICE
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

344
NNE
1/2-1
0.701 mi.
3700 ft.
Relative: Higher
Actual: 255 ft.

MICRO GAGE INC
9537 TELSTAR AVE
EL MONTE, CA 91731

RCRA-LQG
ENVIROSTOR
CPS-SLIC
CERS HAZ WASTE
FINDS
ECHO
HAZNET
WIP
CERS
HWTS

1000365891
CAD066248287

RCRA-LQG:
Date Form Received by Agency: 1981-06-26 00:00:00.0
Handler Name: MICRO GAGE INC
Handler Address: 9537 TELSTAR AVE
Handler City,State,Zip: EL MONTE, CA 91731
EPA ID: CAD066248287
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 9537 TELSTAR AVE
Contact City,State,Zip: EL MONTE, CA 91731

MICRO GAGE INC (Continued) **1000365891**

Contact Telephone:	213-443-1741
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	PO BOX 157
Mailing City,State,Zip:	ROSEMEAD, CA 91770
Owner Name:	TALMO ROBERT
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

MICRO GAGE INC (Continued) **1000365891**

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2002-06-27 03:23:42.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: TALMO ROBERT
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1981-06-26 00:00:00.0
Handler Name: MICRO GAGE INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

MICRO GAGE INC (Continued) **1000365891**

Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1993-08-10 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENVIROSTOR:
Name: MICRO GAGE, INC.
Address: 9537 TELSTAR AVENUE
City,State,Zip: EL MONTE, CA 91731
Facility ID: 71002529
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported

MICRO GAGE INC (Continued) **1000365891**

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.06954
Longitude: -118.0611
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD066248287
Alias Type: EPA Identification Number
Alias Name: 110002654805
Alias Type: EPA (FRS #)
Alias Name: 71002529
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:
Name: EL MONTE INDUSTRIAL COMPLEX
Address: 9537 TELSTAR AVE.
City,State,Zip: EL MONTE, CA 91731
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/25/2001
Global Id: SL603798792
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.068885

MICRO GAGE INC (Continued) **1000365891**

Longitude: -118.063449
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.1210
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:
Name: MICROGAGE
Address: 9537 TELSTAR AVE
City,State,Zip: EL MONTE, CA 91731
Site ID: 48804
CERS ID: 10284565
CERS Description: Hazardous Waste Onsite Treatment

Name: MICROGAGE
Address: 9537 TELSTAR AVE
City,State,Zip: EL MONTE, CA 91731
Site ID: 48804
CERS ID: 10284565
CERS Description: Hazardous Waste Generator

FINDS:
Registry ID: 110002654805

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000365891
Registry ID: 110002654805
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002654805
Name: MICRO GAGE CORPORATION INDUSTRIAL INC
Address: 9537 TELSTAR AVE
City,State,Zip: EL MONTE, CA 91731

MICRO GAGE INC (Continued) **1000365891**

HAZNET:

Name: MICRO GAGE INC
Address: 9537 TELSTAR AVE
Address 2: Not reported
City,State,Zip: EL MONTE, CA 917310000
Contact: BRUCE TALMO
Telephone: 6264431741
Mailing Name: Not reported
Mailing Address: 9537 TELSTAR AVE

Year: 2019
Gepaid: CAD066248287
TSD EPA ID: KSD980633259
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.67320

Year: 2019
Gepaid: CAD066248287
TSD EPA ID: CAT000613935
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.18900

Year: 2018
Gepaid: CAD066248287
TSD EPA ID: MXC130619001
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.08250

Year: 2018
Gepaid: CAD066248287
TSD EPA ID: KSD980633259
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 1.02300

Year: 2018
Gepaid: CAD066248287
TSD EPA ID: CAD044429835
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.42000

Year: 2018
Gepaid: CAD066248287
TSD EPA ID: CAT000613935
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.37800

MICRO GAGE INC (Continued) **1000365891**

Year: 2018
Gepaid: CAD066248287
TSD EPA ID: MXC130619001
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.19800

Year: 2017
Gepaid: CAD066248287
TSD EPA ID: ARD981057870
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0825

Year: 2017
Gepaid: CAD066248287
TSD EPA ID: CAD044429835
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.42

Year: 2017
Gepaid: CAD066248287
TSD EPA ID: CAD044429835
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.187

Click this hyperlink while viewing on your computer to access
163 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2014
Gen EPA ID: CAD066248287

Shipment Date: 20141209
Creation Date: 2/13/2015 22:15:23
Receipt Date: 20141209
Manifest ID: 004686202SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141204
Creation Date: 3/27/2015 22:15:05
Receipt Date: 20141211
Manifest ID: 013792274JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.17
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141124
Creation Date: 6/26/2015 22:15:41
Receipt Date: 20141204
Manifest ID: 013792038JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDF EPA ID: ARD981057870
Trans Name: RINECO
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.099
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141120
Creation Date: 1/14/2015 22:14:59

MICRO GAGE INC (Continued) **1000365891**

Receipt Date:	20141125
Manifest ID:	013004378JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141110
Creation Date:	2/6/2015 22:15:22
Receipt Date:	20141110
Manifest ID:	004515797SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141008
Creation Date:	12/17/2014 22:14:47
Receipt Date:	20141014
Manifest ID:	013002827JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140922
Creation Date:	11/22/2014 22:15:14
Receipt Date:	20140922
Manifest ID:	004545394SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140819
Creation Date:	11/2/2014 22:15:11
Receipt Date:	20140826
Manifest ID:	012573982JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140710
Creation Date:	8/26/2014 22:15:05
Receipt Date:	20140717
Manifest ID:	012574846JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140630
Creation Date:	8/26/2014 22:15:12
Receipt Date:	20140630
Manifest ID:	004366577SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613935
TSDF Alt Name:	SAFETY-KLEEN SYSTEMS
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010

MICRO GAGE INC (Continued) **1000365891**

Gen EPA ID:	CAD066248287
Shipment Date:	20101207
Creation Date:	5/20/2011 18:30:13
Receipt Date:	20101213
Manifest ID:	008050131JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101207
Creation Date:	5/19/2011 18:30:24
Receipt Date:	20101221
Manifest ID:	008050129JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101207
Creation Date:	5/5/2011 18:30:32
Receipt Date:	20101222
Manifest ID:	008050130JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC

MICRO GAGE INC (Continued) **1000365891**

Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.17
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101201
Creation Date: 1/12/2011 18:30:31
Receipt Date: 20101208
Manifest ID: 006862995JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101028
Creation Date: 1/3/2011 18:30:46
Receipt Date: 20101103
Manifest ID: 006909891JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005

MICRO GAGE INC (Continued) **1000365891**

Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100928
Creation Date:	1/12/2011 18:30:38
Receipt Date:	20100928
Manifest ID:	004275317FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100924
Creation Date:	12/16/2010 18:30:19
Receipt Date:	20100929
Manifest ID:	006911682JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 5:	Not reported
Shipment Date:	20100820
Creation Date:	10/8/2010 18:30:41
Receipt Date:	20100825
Manifest ID:	006913823JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100715
Creation Date:	9/10/2010 18:30:54
Receipt Date:	20100723
Manifest ID:	006913285JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100621
Creation Date:	10/8/2010 18:30:08
Receipt Date:	20100706
Manifest ID:	007465130JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250

MICRO GAGE INC (Continued) **1000365891**

Trans 2 Name:	CLEAN HARBORS ENV SVCS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.17
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD066248287
Shipment Date:	20051213
Creation Date:	7/12/2006 18:32:38
Receipt Date:	20051215
Manifest ID:	24764036
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051108
Creation Date:	5/24/2006 18:32:16
Receipt Date:	20051110
Manifest ID:	24764290
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20051025
Creation Date: 12/22/2006 18:30:28
Receipt Date: 20051026
Manifest ID: 24743219
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.042
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20051011
Creation Date: 8/23/2006 18:35:03
Receipt Date: 20051013
Manifest ID: 24765192
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: CAR000047696
Trans 2 Name: UNIVAR USA INC
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050907
Creation Date:	4/13/2006 18:46:51
Receipt Date:	20050908
Manifest ID:	24576128
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050826
Creation Date:	4/13/2006 18:45:56
Receipt Date:	20050831
Manifest ID:	24660831
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS - WEST
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050810
Creation Date:	10/28/2005 18:30:54
Receipt Date:	20050818
Manifest ID:	24577450
Trans EPA ID:	CAR000047696

MICRO GAGE INC (Continued) **1000365891**

Trans Name: UNIVAR USA INC
Trans 2 EPA ID: CAR000047696
Trans 2 Name: UNIVAR USA INC
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050805
Creation Date: 10/7/2005 18:42:04
Receipt Date: 20050808
Manifest ID: 23678306
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050719
Creation Date: 10/11/2005 18:31:29
Receipt Date: 20050721
Manifest ID: 24331551
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: CAR000047696
Trans 2 Name: UNIVAR USA INC
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001

MICRO GAGE INC (Continued) **1000365891**

Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050624
Creation Date: 9/16/2005 18:31:41
Receipt Date: 20050630
Manifest ID: 24331570
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: CAR000047696
Trans 2 Name: UNIVAR USA INC
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAD066248287

Shipment Date: 20071219
Creation Date: 3/28/2008 18:30:20
Receipt Date: 20071229
Manifest ID: 003576344JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071219
Creation Date: 6/4/2008 18:30:22
Receipt Date: 20080106
Manifest ID: 003576343JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: NJD986607380
Trans 2 Name: MAUMEE EXPRESS (ID #778)
TSDF EPA ID: ARD981057870
Trans Name: RINECO
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071219
Creation Date: 6/4/2008 18:30:22
Receipt Date: 20080106
Manifest ID: 003576343JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: NJD986607380
Trans 2 Name: MAUMEE EXPRESS (ID #778)
TSDF EPA ID: ARD981057870
Trans Name: RINECO
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.051
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071217
Creation Date: 3/11/2008 18:30:10
Receipt Date: 20071219

MICRO GAGE INC (Continued) **1000365891**

Manifest ID:	003513274JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAD000032870
Trans 2 Name:	AMERICAN TRUCKING
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071127
Creation Date:	2/29/2008 18:30:45
Receipt Date:	20071204
Manifest ID:	003009384JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071029
Creation Date:	1/8/2008 18:30:57
Receipt Date:	20071101
Manifest ID:	003008342JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071003
Creation Date: 12/28/2007 18:31:14
Receipt Date: 20071004
Manifest ID: 003006723JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070907
Creation Date: 1/9/2008 18:30:14
Receipt Date: 20070913
Manifest ID: 001933434JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001

MICRO GAGE INC (Continued) **1000365891**

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070822
Creation Date: 1/9/2008 18:30:06
Receipt Date: 20070827
Manifest ID: 001933171JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070821
Creation Date: 3/4/2008 18:30:34
Receipt Date: 20070821
Manifest ID: 000850542SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1996
Gen EPA ID: CAD066248287

Shipment Date: 19961203

MICRO GAGE INC (Continued) **1000365891**

Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961205
Manifest ID:	96565348
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1782
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961111
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961114
Manifest ID:	96565271
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.22
Waste Quantity:	440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961011
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961017
Manifest ID:	96188063
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1749
Waste Quantity: 53
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961001
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961003
Manifest ID: 96188094
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960911
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960913
Manifest ID: 96188188
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1782
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960830
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960830
Manifest ID: 95780219
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.1908
Waste Quantity: 53
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960823
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960829
Manifest ID: 96188306
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1782
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960725
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960801
Manifest ID: 96188362

MICRO GAGE INC (Continued) **1000365891**

Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1782
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960715
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960717
Manifest ID:	96048117
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960715
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960719
Manifest ID:	96048118
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals

MICRO GAGE INC (Continued) **1000365891**

RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAD066248287

Shipment Date: 20031217
Creation Date: 8/30/2004 14:52:16
Receipt Date: 20031222
Manifest ID: 23378446
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.22
Waste Quantity: 440
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20031121
Creation Date: 8/9/2004 8:48:13
Receipt Date: 20031126
Manifest ID: 22918454
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20031031
Creation Date: 8/20/2004 8:27:39
Receipt Date: 20031106
Manifest ID: 22764626
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20031017
Creation Date: 8/3/2004 15:00:31
Receipt Date: 20031020
Manifest ID: 22522301
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0462
Waste Quantity: 11
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20031008
Creation Date: 8/3/2004 15:00:31
Receipt Date: 20031015

MICRO GAGE INC (Continued) **1000365891**

Manifest ID:	22750948
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.22
Waste Quantity:	440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030926
Creation Date:	8/3/2004 7:33:04
Receipt Date:	20031002
Manifest ID:	22751163
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030826
Creation Date:	7/29/2004 7:43:54
Receipt Date:	20030828
Manifest ID:	22859433
Trans EPA ID:	CAR000047696
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.22
Waste Quantity: 440
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030812
Creation Date: 7/29/2004 7:46:19
Receipt Date: 20030814
Manifest ID: 22913257
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030804
Creation Date: 7/26/2004 18:30:41
Receipt Date: 20030807
Manifest ID: 22898907
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030723
Creation Date:	7/23/2004 9:16:48
Receipt Date:	20030724
Manifest ID:	22884466
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0504
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD066248287
Shipment Date:	20041216
Creation Date:	3/13/2007 18:30:28
Receipt Date:	20041222
Manifest ID:	24076643
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041207
Creation Date:	2/17/2005 18:31:05

MICRO GAGE INC (Continued) **1000365891**

Receipt Date: 20041208
Manifest ID: 23651821
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0504
Waste Quantity: 12
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041118
Creation Date: 1/28/2005 18:31:06
Receipt Date: 20041124
Manifest ID: 24182251
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041027
Creation Date: 1/10/2005 18:31:02
Receipt Date: 20041028
Manifest ID: 24075371
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20041007
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20041014
Manifest ID:	24075596
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040917
Creation Date:	12/22/2004 18:31:08
Receipt Date:	20040923
Manifest ID:	24076248
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040913
Creation Date:	12/22/2004 18:31:08
Receipt Date:	20040914
Manifest ID:	23716936
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0504
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040824
Creation Date:	1/6/2005 18:30:52
Receipt Date:	20040826
Manifest ID:	23562997
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040802
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040805
Manifest ID:	23826858
Trans EPA ID:	CAR000047696

MICRO GAGE INC (Continued) **1000365891**

Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040713
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040715
Manifest ID:	23827079
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	UNIVAR USA INC
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1782
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD066248287

Shipment Date:	20061219
Creation Date:	8/3/2007 18:30:13
Receipt Date:	20061227
Manifest ID:	001964305JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061219
Creation Date:	4/19/2007 18:30:14
Receipt Date:	20061221
Manifest ID:	001676113JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061117
Creation Date:	3/30/2007 13:32:48
Receipt Date:	20061122
Manifest ID:	001677366JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061018
Creation Date:	4/19/2007 18:30:50
Receipt Date:	20061019
Manifest ID:	001677229JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061003
Creation Date:	6/11/2007 18:30:13
Receipt Date:	20061005
Manifest ID:	001397557JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD981430911
Trans 2 Name:	ZEPEDA TRKG
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060928
Creation Date:	4/19/2007 18:30:06

MICRO GAGE INC (Continued) **1000365891**

Receipt Date:	20060928
Manifest ID:	001004359JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060926
Creation Date:	3/30/2007 13:31:40
Receipt Date:	20060928
Manifest ID:	000980452JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060822
Creation Date:	10/5/2006 18:31:29
Receipt Date:	20060830
Manifest ID:	24920880
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS WEST

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060815
Creation Date: 10/5/2006 18:30:24
Receipt Date: 20060817
Manifest ID: 25168289
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060717
Creation Date: 9/17/2006 18:30:25
Receipt Date: 20060720
Manifest ID: 25172461
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: ONYX ENV SVCS LLC AZUSA
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD066248287
Shipment Date:	20021210
Creation Date:	3/16/2007 18:30:20
Receipt Date:	20021212
Manifest ID:	22026288
Trans EPA ID:	CAR000047696
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021126
Creation Date:	2/25/2003 18:31:38
Receipt Date:	20021127
Manifest ID:	21822824
Trans EPA ID:	CAR000047696
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Shipment Date: 20021114
Creation Date: 2/13/2003 18:31:35
Receipt Date: 20021115
Manifest ID: 22138730
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.063
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021105
Creation Date: 2/21/2003 10:41:38
Receipt Date: 20021107
Manifest ID: 21823027
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021022
Creation Date: 2/10/2003 18:31:16
Receipt Date: 20021031
Manifest ID: 22026652
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903

MICRO GAGE INC (Continued) **1000365891**

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.22
Waste Quantity: 440
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021008
Creation Date: 1/28/2003 18:33:13
Receipt Date: 20021010
Manifest ID: 22026621
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020917
Creation Date: 1/27/2003 18:33:26
Receipt Date: 20020919
Manifest ID: 21026017
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020912
Creation Date: 1/27/2003 18:33:26
Receipt Date: 20020919
Manifest ID: 21026068
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1782
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020828
Creation Date: 3/14/2003 18:31:30
Receipt Date: 20020829
Manifest ID: 22191142
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0756
Waste Quantity: 18
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020821
Creation Date: 3/14/2003 18:31:30
Receipt Date: 20020822

MICRO GAGE INC (Continued) **1000365891**

Manifest ID: 21026235
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAD066248287

Shipment Date: 20171207
Creation Date: 10/16/2018 18:31:07
Receipt Date: 20171218
Manifest ID: 010984302FLE
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: AZD982403586
Trans 2 Name: ENGLUND EQUIPMENT CO
TSDF EPA ID: KSD980633259
Trans Name: SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.165
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171121
Creation Date: 6/13/2018 18:31:31
Receipt Date: 20171121
Manifest ID: 006315852SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

MICRO GAGE INC (Continued) **1000365891**

TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.42
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171113
Creation Date: 8/3/2018 18:30:42
Receipt Date: 20171113
Manifest ID: 006366028SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171009
Creation Date: 7/11/2018 18:32:18
Receipt Date: 20171016
Manifest ID: 009831874FLE
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: AZD982403586
Trans 2 Name: ENGLUND EQUIPMENT CO
TSDF EPA ID: KSD980633259
Trans Name: SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site

MICRO GAGE INC (Continued) **1000365891**

Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170822
Creation Date: 7/19/2018 18:30:16
Receipt Date: 20170822
Manifest ID: 006063017SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170817
Creation Date: 7/30/2018 18:30:10
Receipt Date: 20170830
Manifest ID: 010985442FLE
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: AZD982403586
Trans 2 Name: ENGLUND EQUIPMENT CO
TSDF EPA ID: KSD980633259
Trans Name: SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

MICRO GAGE INC (Continued) **1000365891**

Shipment Date:	20170712
Creation Date:	5/21/2018 18:32:48
Receipt Date:	20170720
Manifest ID:	015817160JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170712
Creation Date:	12/1/2018 18:30:20
Receipt Date:	20170724
Manifest ID:	015817159JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	AZD982484578
Trans 2 Name:	TRANSCHEM ENVIRONMENTAL
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170628
Creation Date:	7/11/2018 18:32:18
Receipt Date:	20170710
Manifest ID:	010985893FLE
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO

MICRO GAGE INC (Continued) **1000365891**

TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170623
Creation Date:	5/17/2018 18:31:47
Receipt Date:	20170623
Manifest ID:	005804068SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD066248287

Shipment Date:	20081219
Creation Date:	2/17/2009 18:30:08
Receipt Date:	20081224
Manifest ID:	004866085JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081126
Creation Date: 1/15/2009 18:30:19
Receipt Date: 20081203
Manifest ID: 004864403JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081125
Creation Date: 2/20/2009 18:30:31
Receipt Date: 20081208
Manifest ID: 004928805JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081027
Creation Date:	12/8/2008 18:30:25
Receipt Date:	20081029
Manifest ID:	004402875JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081015
Creation Date:	2/20/2009 18:30:20
Receipt Date:	20081016
Manifest ID:	001427490SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080930
Creation Date:	11/14/2008 18:30:18
Receipt Date:	20081003
Manifest ID:	004404418JJK

MICRO GAGE INC (Continued) **1000365891**

Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080926
Creation Date: 1/14/2009 18:30:19
Receipt Date: 20081006
Manifest ID: 005002081JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080909
Creation Date: 10/21/2008 18:30:08
Receipt Date: 20080915
Manifest ID: 004404848JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

MICRO GAGE INC (Continued) **1000365891**

Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080828
Creation Date: 1/15/2009 18:30:42
Receipt Date: 20080904
Manifest ID: 004214574JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: NJD986607380
Trans 2 Name: MAUMEE EXPRESS (ID #778)
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080828
Creation Date: 10/10/2008 18:30:25
Receipt Date: 20080902
Manifest ID: 004214573JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: PHIBRO TECH
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD066248287
Shipment Date:	19971219
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971223
Manifest ID:	96845337
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971119
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971120
Manifest ID:	96845446
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Shipment Date: 19971104
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971106
Manifest ID: 96845452
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971008
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971009
Manifest ID: 96845071
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970917
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970918
Manifest ID: 96845003
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903

MICRO GAGE INC (Continued) **1000365891**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970905
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970911
Manifest ID:	96844974
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1782
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970805
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970807
Manifest ID:	96844870
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1782
Waste Quantity:	54
Quantity Unit:	G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970703
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970710
Manifest ID: 96845112
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970609
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970612
Manifest ID: 96611631
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: Not reported
TSDF Alt EPA ID: CAD097030993
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.021
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970609
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970613

MICRO GAGE INC (Continued) **1000365891**

Manifest ID:	96611630
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD066248287

Shipment Date:	19991208
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991209
Manifest ID:	99586679
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991111
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991118
Manifest ID:	99586523
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

MICRO GAGE INC (Continued) **1000365891**

TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991020
Creation Date: 12/16/1999 0:00:00
Receipt Date: 19991021
Manifest ID: 99586299
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991019
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991021
Manifest ID: 99491975
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 0.2293
Waste Quantity: 55

MICRO GAGE INC (Continued) **1000365891**

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990929
Creation Date: 11/18/1999 0:00:00
Receipt Date: 19990929
Manifest ID: 99504919
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.063
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990927
Creation Date: 11/19/1999 0:00:00
Receipt Date: 19990930
Manifest ID: 99586141
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990909
Creation Date: 11/18/1999 0:00:00

MICRO GAGE INC (Continued) **1000365891**

Receipt Date: 19990916
Manifest ID: 99586063
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990811
Creation Date: 9/23/1999 0:00:00
Receipt Date: 19990812
Manifest ID: 99173667
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990716
Creation Date: 9/21/1999 0:00:00
Receipt Date: 19990722
Manifest ID: 99173837
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990707
Creation Date: 8/16/1999 0:00:00
Receipt Date: 19990707
Manifest ID: 99233877
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.063
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1998
Gen EPA ID: CAD066248287

Shipment Date: 19981221
Creation Date: 2/8/1999 0:00:00
Receipt Date: 19981223
Manifest ID: 98542336
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815

MICRO GAGE INC (Continued) **1000365891**

Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981203
Creation Date: 1/28/1999 0:00:00
Receipt Date: 19981210
Manifest ID: 98542254
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981106
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981112
Manifest ID: 98542158
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981102

MICRO GAGE INC (Continued) **1000365891**

Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981104
Manifest ID: 98481495
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981021
Creation Date: 12/8/1998 0:00:00
Receipt Date: 19981022
Manifest ID: 98542086
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981012
Creation Date: 12/7/1998 0:00:00
Receipt Date: 19981015
Manifest ID: 98542046
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980910
Creation Date: 11/24/1998 0:00:00
Receipt Date: 19980917
Manifest ID: 96880984
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980812
Creation Date: 10/20/1998 0:00:00
Receipt Date: 19980820
Manifest ID: 97379911
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980721
Creation Date: 9/15/1998 0:00:00
Receipt Date: 19980723
Manifest ID: 97379818
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980625
Creation Date: 10/20/1998 0:00:00
Receipt Date: 19980707
Manifest ID: 97379708
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2000
Gen EPA ID: CAD066248287

MICRO GAGE INC (Continued) **1000365891**

Shipment Date: 20001221
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001228
Manifest ID: 20509102
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001205
Creation Date: 1/24/2001 0:00:00
Receipt Date: 20001207
Manifest ID: 20508995
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.22
Waste Quantity: 440
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001122
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001122
Manifest ID: 20291400
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893

MICRO GAGE INC (Continued) **1000365891**

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.063
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001115
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001117
Manifest ID: 20508890
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001102
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001109
Manifest ID: 20509204
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001019
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001027
Manifest ID: 20504091
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001019
Creation Date: 12/13/2000 0:00:00
Receipt Date: 20001023
Manifest ID: 20504097
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: Not reported
TSDF Alt EPA ID: CAD097030993
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001012
Creation Date: 12/13/2000 0:00:00
Receipt Date: 20001019

MICRO GAGE INC (Continued) **1000365891**

Manifest ID:	20509326
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000925
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20000928
Manifest ID:	20509464
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.22
Waste Quantity:	440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000908
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000914
Manifest ID:	20509598
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.22
Waste Quantity:	440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD066248287

Shipment Date:	19931220
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931220
Manifest ID:	92891650
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	R01 - Recycler
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931122
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931122
Manifest ID:	92656007
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50

MICRO GAGE INC (Continued) **1000365891**

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931103
Creation Date: 9/12/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93155507
Trans EPA ID: ILD099202681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F003
Meth Code: - Not reported
Quantity Tons: 0.165
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930916
Creation Date: 9/12/1995 0:00:00
Receipt Date: 19930916
Manifest ID: 92655304
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: CAD008364432
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.1944
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930914
Creation Date: 9/12/1995 0:00:00

MICRO GAGE INC (Continued) **1000365891**

Receipt Date:	19930915
Manifest ID:	93148258
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	R01 - Recycler
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930729
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930729
Manifest ID:	88369184
Trans EPA ID:	CAD008302903
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930629
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930629
Manifest ID:	92657083
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930624
Creation Date: 9/8/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 88369183
Trans EPA ID: CAD008302903
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302190
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: - Not reported
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930616
Creation Date: 9/9/1995 0:00:00
Receipt Date: 19930616
Manifest ID: 88369183
Trans EPA ID: CAD008302903
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930510
Creation Date: 9/9/1995 0:00:00
Receipt Date: 19930510
Manifest ID: 88369182
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1995
Gen EPA ID: CAD066248287

Shipment Date: 19951211
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951214
Manifest ID: 95142087
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1782
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951207

MICRO GAGE INC (Continued) **1000365891**

Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951207
Manifest ID:	95867537
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1944
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951120
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951122
Manifest ID:	95142008
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1782
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951019
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951019
Manifest ID:	92654998
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.1944
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951017
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951019
Manifest ID: 95142342
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950829
Creation Date: 4/3/1996 0:00:00
Receipt Date: 19950831
Manifest ID: 95142177
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950824
Creation Date: 4/1/1996 0:00:00
Receipt Date: 19950824
Manifest ID: 92657693
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950719
Creation Date: 11/13/1995 0:00:00
Receipt Date: 19950720
Manifest ID: 95455847
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950711
Creation Date: 4/2/1996 0:00:00
Receipt Date: 19950711
Manifest ID: 93489709

MICRO GAGE INC (Continued) **1000365891**

Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: CAD008364432
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19950705
Creation Date: 4/2/1996 0:00:00
Receipt Date: 19950706
Manifest ID: 95455788
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.165
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAD066248287

Shipment Date: 20151216
Creation Date: 10/10/2016 18:30:40
Receipt Date: 20151228
Manifest ID: 014377142JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: AZD982403586
Trans 2 Name: ENGLUND EQUIPMENT CO
TSDF EPA ID: KSD980633259

MICRO GAGE INC (Continued) **1000365891**

Trans Name:	SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151209
Creation Date:	3/5/2016 22:15:15
Receipt Date:	20151210
Manifest ID:	004550858SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151118
Creation Date:	1/11/2016 22:16:40
Receipt Date:	20151125
Manifest ID:	014910458JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.17

MICRO GAGE INC (Continued) **1000365891**

Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151103
Creation Date:	12/30/2015 22:15:14
Receipt Date:	20151103
Manifest ID:	005066160SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151006
Creation Date:	5/4/2016 22:15:08
Receipt Date:	20151019
Manifest ID:	014369554JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	AZD982403586
Trans 2 Name:	ENGLUND EQUIPMENT CO
TSDF EPA ID:	KSD980633259
Trans Name:	SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Shipment Date: 20150826
Creation Date: 2/11/2016 22:15:11
Receipt Date: 20150831
Manifest ID: 014368369JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: AZD982403586
Trans 2 Name: ENGLUND EQUIPMENT CO
TSDF EPA ID: KSD980633259
Trans Name: SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150817
Creation Date: 10/14/2015 22:15:09
Receipt Date: 20150817
Manifest ID: 004966572SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150727
Creation Date: 10/1/2015 22:15:12
Receipt Date: 20150804
Manifest ID: 014368340JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

MICRO GAGE INC (Continued) **1000365891**

TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150623
Creation Date: 8/31/2015 22:15:24
Receipt Date: 20150625
Manifest ID: 014370167JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150528
Creation Date: 11/9/2015 22:15:07
Receipt Date: 20150607
Manifest ID: 014500595JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: AZD982484578
Trans 2 Name: TRANSCHEM ENVIRONMENTAL
TSDF EPA ID: ARD981057870
Trans Name: RINECO
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.099
Waste Quantity: 30

MICRO GAGE INC (Continued) **1000365891**

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAD066248287

Shipment Date: 20111228
Creation Date: 7/19/2012 22:00:24
Receipt Date: 20111229
Manifest ID: 008984404JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1925
Waste Quantity: 385
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008984404JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.14
Waste Quantity: 280
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008984404JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.024
Waste Quantity: 48
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008984404JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0015
Waste Quantity: 3
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008984404JJK

MICRO GAGE INC (Continued) **1000365891**

Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.085
Waste Quantity: 170
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008984404JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.069
Waste Quantity: 138
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008984404JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D007
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.026
Waste Quantity: 52
Quantity Unit: P
Additional Code 1: D006
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008984404JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0305
Waste Quantity: 61
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008984404JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.158
Waste Quantity: 316

MICRO GAGE INC (Continued) **1000365891**

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111228
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008984404JJK
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0815
Waste Quantity: 163
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAD066248287

Shipment Date: 20011219
Creation Date: 2/13/2002 0:00:00
Receipt Date: 20011220
Manifest ID: 21777456
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011127
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011129
Manifest ID: 21340244
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1782
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011102
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011108
Manifest ID: 21343301
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011023
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011024
Manifest ID: 21394658
Trans EPA ID: SCR000075150
Trans Name: Not reported

MICRO GAGE INC (Continued) **1000365891**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011016
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011018
Manifest ID:	21343542
Trans EPA ID:	CAR000047696
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2225
Waste Quantity:	445
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010920
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010927
Manifest ID:	21158633
Trans EPA ID:	CAR000047696
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler

MICRO GAGE INC (Continued) **1000365891**

Quantity Tons: 0.22
Waste Quantity: 440
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010904
Creation Date: 10/23/2001 0:00:00
Receipt Date: Not reported
Manifest ID: 21140978
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010904
Creation Date: 11/1/2001 0:00:00
Receipt Date: 20010906
Manifest ID: 21152029
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

MICRO GAGE INC (Continued) **1000365891**

Shipment Date:	20010810
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010816
Manifest ID:	21152234
Trans EPA ID:	CAR000047696
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010810
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010814
Manifest ID:	21206639
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD066248287

Shipment Date:	19941213
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941213
Manifest ID:	93007184
Trans EPA ID:	CAD008364432

MICRO GAGE INC (Continued) **1000365891**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941115
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941117
Manifest ID:	95023014
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940927
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940927
Manifest ID:	93011951
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F001

MICRO GAGE INC (Continued) **1000365891**

Meth Code: R01 - Recycler
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940927
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940929
Manifest ID: 95022847
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940816
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940818
Manifest ID: 93027957
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

MICRO GAGE INC (Continued) **1000365891**

Shipment Date:	19940721
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940721
Manifest ID:	93011333
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940706
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940707
Manifest ID:	93027880
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940606
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940609
Manifest ID:	93027811
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903

MICRO GAGE INC (Continued) **1000365891**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.132
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940531
Creation Date:	3/26/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	93013889
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F001
Meth Code:	- Not reported
Quantity Tons:	0.1944
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940427
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940428
Manifest ID:	93027723
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAD066248287

Shipment Date: 20151216
Creation Date: 10/10/2016 18:30:40
Receipt Date: 20151228
Manifest ID: 014377142JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: AZD982403586
Trans 2 Name: ENGLUND EQUIPMENT CO
TSDF EPA ID: KSD980633259
Trans Name: SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151209
Creation Date: 3/5/2016 22:15:15
Receipt Date: 20151210
Manifest ID: 004550858SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.42
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 5: Not reported

Shipment Date: 20151118
Creation Date: 1/11/2016 22:16:40
Receipt Date: 20151125
Manifest ID: 014910458JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.17
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151103
Creation Date: 12/30/2015 22:15:14
Receipt Date: 20151103
Manifest ID: 005066160SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151006
Creation Date: 5/4/2016 22:15:08
Receipt Date: 20151019
Manifest ID: 014369554JJK
Trans EPA ID: CAR000047696

MICRO GAGE INC (Continued) **1000365891**

Trans Name: UNIVAR USA INC
Trans 2 EPA ID: AZD982403586
Trans 2 Name: ENGLUND EQUIPMENT CO
TSDF EPA ID: KSD980633259
Trans Name: SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150826
Creation Date: 2/11/2016 22:15:11
Receipt Date: 20150831
Manifest ID: 014368369JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: AZD982403586
Trans 2 Name: ENGLUND EQUIPMENT CO
TSDF EPA ID: KSD980633259
Trans Name: SYSTECH ENVIRONMENTAL CORPORATION
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150817
Creation Date: 10/14/2015 22:15:09
Receipt Date: 20150817
Manifest ID: 004966572SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported

MICRO GAGE INC (Continued) **1000365891**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150727
Creation Date:	10/1/2015 22:15:12
Receipt Date:	20150804
Manifest ID:	014368340JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150623
Creation Date:	8/31/2015 22:15:24
Receipt Date:	20150625
Manifest ID:	014370167JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 5: Not reported

Shipment Date: 20150528
Creation Date: 11/9/2015 22:15:07
Receipt Date: 20150607
Manifest ID: 014500595JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: AZD982484578
Trans 2 Name: TRANSCHEM ENVIRONMENTAL
TSDF EPA ID: ARD981057870
Trans Name: RINECO
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.099
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAD066248287

Shipment Date: 20091218
Creation Date: 3/5/2010 18:31:07
Receipt Date: 20091228
Manifest ID: 005935548JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.136
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20091218
Creation Date: 2/3/2010 18:31:10

MICRO GAGE INC (Continued) **1000365891**

Receipt Date:	20091223
Manifest ID:	006076004JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091113
Creation Date:	6/30/2010 18:30:18
Receipt Date:	20091124
Manifest ID:	005934735JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091028
Creation Date:	12/8/2009 18:30:38
Receipt Date:	20091030
Manifest ID:	006074952JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20091006
Creation Date: 11/25/2009 18:30:31
Receipt Date: 20091009
Manifest ID: 004863859JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D001
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090826
Creation Date: 10/12/2009 18:30:19
Receipt Date: 20090831
Manifest ID: 006075384JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D035

MICRO GAGE INC (Continued) **1000365891**

Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090824
Creation Date:	11/3/2009 18:30:29
Receipt Date:	20090824
Manifest ID:	002139752SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090730
Creation Date:	8/28/2009 18:30:21
Receipt Date:	20090731
Manifest ID:	006075042JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090727
Creation Date:	10/13/2009 18:30:10
Receipt Date:	20090810
Manifest ID:	006053970JJK

MICRO GAGE INC (Continued) **1000365891**

Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090727
Creation Date:	1/8/2010 18:30:42
Receipt Date:	20090805
Manifest ID:	006053969JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.051
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD066248287

Shipment Date:	20121220
Creation Date:	5/4/2013 22:15:12
Receipt Date:	20121226
Manifest ID:	003616722SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

MICRO GAGE INC (Continued) **1000365891**

TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121129
Creation Date: 2/9/2013 22:15:14
Receipt Date: 20121130
Manifest ID: 009345999JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121106
Creation Date: 1/19/2013 22:15:23
Receipt Date: 20121114
Manifest ID: 009345503JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815

MICRO GAGE INC (Continued) **1000365891**

Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121012
Creation Date: 12/20/2012 22:15:24
Receipt Date: 20121015
Manifest ID: 009340042JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120918
Creation Date: 11/22/2012 22:15:09
Receipt Date: 20120924
Manifest ID: 009341986JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120827

MICRO GAGE INC (Continued) **1000365891**

Creation Date: 10/10/2012 22:15:39
Receipt Date: 20120831
Manifest ID: 009341938JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120820
Creation Date: 3/4/2013 22:15:07
Receipt Date: 20120831
Manifest ID: 010230226JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: ARD981057870
Trans Name: RINECO
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.165
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120807
Creation Date: 9/28/2012 22:15:13
Receipt Date: 20120808
Manifest ID: 009341681JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA

MICRO GAGE INC (Continued) **1000365891**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120723
Creation Date: 9/26/2012 22:15:10
Receipt Date: 20120724
Manifest ID: 003294958SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120717
Creation Date: 10/15/2012 22:15:30
Receipt Date: 20120720
Manifest ID: 009346288JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G

MICRO GAGE INC (Continued) **1000365891**

Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAD066248287
Shipment Date:	20131120
Creation Date:	12/23/2013 22:15:27
Receipt Date:	20131121
Manifest ID:	012572973JJK
Trans EPA ID:	CAR000047696
Trans Name:	UNIVAR USA INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131111
Creation Date:	3/3/2014 22:15:17
Receipt Date:	20131111
Manifest ID:	003951521SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 5: Not reported

Shipment Date: 20131024
Creation Date: 3/26/2014 22:15:09
Receipt Date: 20131104
Manifest ID: 012209520JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST AND SONS
TSDF EPA ID: ARD981057870
Trans Name: RINECO
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.099
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131008
Creation Date: 11/16/2013 22:15:32
Receipt Date: 20131015
Manifest ID: 011227170JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130911
Creation Date: 11/4/2013 22:15:04
Receipt Date: 20130920
Manifest ID: 011614558JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: MAD039322250

MICRO GAGE INC (Continued) **1000365891**

Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130827
Creation Date: 10/16/2013 22:15:14
Receipt Date: 20130829
Manifest ID: 009866651JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130819
Creation Date: 1/6/2014 22:15:06
Receipt Date: 20130823
Manifest ID: 003715936SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

MICRO GAGE INC (Continued) **1000365891**

Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130716
Creation Date: 9/15/2013 22:15:26
Receipt Date: 20130723
Manifest ID: 009865484JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130611
Creation Date: 8/12/2013 22:15:16
Receipt Date: 20130611
Manifest ID: 003794997SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

MICRO GAGE INC (Continued) **1000365891**

Additional Code 5: Not reported

Shipment Date: 20130603
Creation Date: 9/5/2013 22:15:31
Receipt Date: 20130611
Manifest ID: 009864716JJK
Trans EPA ID: CAR000047696
Trans Name: UNIVAR USA INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECH SOLUTIONS-AZUSA
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1815
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

WIP:

Name: GARVEY LABELMATIC
Address: 9537 Telstar Ave
City,State,Zip: EL MONTE, CA 91731
Region: 4
File Number: 107.0955
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

Name: EL MONTE INDUSTRIAL COMPLEX
Address: 9537 Telstar Ave
City,State,Zip: EL MONTE, CA 91731
Region: 4
File Number: 107.1210
File Status: Active
Staff: CORTEZ
Facility Suite: Not reported

CERS:

Name: EL MONTE INDUSTRIAL COMPLEX
Address: 9537 TELSTAR AVE.
City,State,Zip: EL MONTE, CA 91731
Site ID: 224432
CERS ID: SL603798792
CERS Description: Cleanup Program Site

Name: MICROGAGE
Address: 9537 TELSTAR AVE
City,State,Zip: EL MONTE, CA 91731

MICRO GAGE INC (Continued) **1000365891**

Site ID:	48804
CERS ID:	10284565
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	48804
Site Name:	MICROGAGE
Violation Date:	01-27-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 08/11/2016. OBSERVATION: This facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. A review of CERS, revealed that the last submittal of HMBP was done on 02/14/2014. The due date for the annual submittal for the HMBP to CERS was 04/01/2015. CORRECTIVE ACTION: Go to CERS internet website (http://cers.calepa.ca.gov/) and provide updates to your Hazardous Materials Business Plan - (Business Activities, Business Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan, & Employee training plan). If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	48804
Site Name:	MICROGAGE
Violation Date:	01-27-2016
Citation:	22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description:	Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer stating the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed and that the tank system has sufficient structural strength, compatibility with the waste(s) to be transferred, stored or treated, and corrosion protection so that it will not collapse, rupture, or fail. This assessment shall be obtained prior to placing the tank system in service, and shall be kept on file at the facility. The tank assessment shall be good for five years. This assessment shall also include, at a minimum, the following information: (1) Design standard(s) according to which the tank(s) and ancillary equipment are or will be constructed; (2) Hazardous characteristics of the waste(s) to be handled; (3) For new tank systems or components in which the external shell of a metal tank or any external metal component of the tank system is or will be in contact with the soil or with water, a determination by a corrosion expert of: (A) Factors affecting the potential for corrosion, including but not limited to: 1. Soil moisture content; 2. Soil pH; 3. Soil sulfides level; 4. Soil resistivity; 5. Structure to soil potential; 6. Influence of nearby underground metal structures (e.g., piping); 7. Stray electric current; and, 8. Existing corrosion-protection measures (e.g., coating, cathodic protection), and (B) The type and degree of external

MICRO GAGE INC (Continued) **1000365891**

corrosion protection that are needed to ensure the integrity of the tank system during the use of the tank system or component, consisting of one or more of the following: 1. Corrosion-resistant materials of construction such as special alloys or fiberglass-reinforced plastic; 2. Corrosion-resistant coating (such as epoxy or f

Violation Notes: Returned to compliance on 04/07/2016. OBSERVATION: The Owner/Operator failed to obtain a certified Hazardous Waste tank system integrity assessment for the treatment tank. CORRECTIVE ACTION: Immediately obtain a certified Hazardous Waste tank integrity assessment that includes all of the required information in this section. Provide a copy of the certified Hazardous Waste tank system assessment to the CUPA and maintain a copy at the facility. The Owner/Operator shall obtain and keep on file at the facility a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California. The assessment shall be valid for a maximum period of five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less.

Violation Division: Los Angeles County Fire Department
Violation Program: CA
Violation Source: CERS

Site ID: 48804
Site Name: MICROGAGE
Violation Date: 01-27-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 08/11/2016. OBSERVATION: A review of CERS (California Environmental Reporting System) revealed that the owner/operator failed to electronically submit the following section to the statewide information management system: G Emergency Response/Contingency Plan CORRECTIVE ACTION: Go to the CERS internet website (http://cers.calepa.ca.gov/) to complete and submit the Emergency Response/Contingency plan. An optional template may be used to satisfy requirements that Hazardous Materials Business Plans (HMBP). You can find this template on the Emergency Response/Contingency Plan page of CERS. This section contains emergency response plans, procedures, and employee training in the event of a reportable/threatened hazardous material release. Download the form and complete it. Once completed, upload the form into CERS submit the section with other required submittals. If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 48804
Site Name: MICROGAGE
Violation Date: 01-27-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

MICRO GAGE INC (Continued) **1000365891**

Violation Notes:	Returned to compliance on 08/11/2016. OBSERVATION: The owner/operator failed to electronically submit the Tiered Permitting section to the statewide information management system, CERS (California Environmental Reporting System). Based on the Onsite Hazardous Waste Treatment Notification form received by this office on August 13, 2008 (attachment), Micro Gage Inc. indicated that it had one Conditionally Authorized (CA) Unit. CORRECTIVE ACTION: Go to the CERS internet website (http://cers.calepa.ca.gov/) to complete and submit the all required sections that pertain to the CA permit.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	48804
Site Name:	MICROGAGE
Violation Date:	01-27-2016
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 04/01/2016. OBSERVATION: Metal concentration in rinse waste water is not known. CORRECTIVE ACTION: Conduct a hazardous waste determination on the rinse water collection tank that collects the solutions from the bench top sinks. Have a California certified laboratory to perform a Total Threshold Limit Concentration (TTLC) and Soluble Threshold Limit Concentration (STLC)(if required) analysis and a fluoride salts test for the collection tank. The sample must be taken prior to any treatment (NaOH) being added to the tank.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	48804
Site Name:	MICROGAGE
Violation Date:	01-15-2019
Citation:	HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Description:	Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.
Violation Notes:	Returned to compliance on 10/23/2019. OBSERVATION: Owner/Operator did not submit Onsite Hazardous WasteTreatment notification to the CUPA sixty (60) days prior to beginning the first treatment of hazardous waste. CORRECTIVE ACTION: Submit the required Onsite Hazardous Waste Treatment notification to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CA
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-15-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Martin Chinn, VP
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

MICRO GAGE INC (Continued) **1000365891**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Martin Chinn, VP
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-15-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Martin Chinn, VP
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Scott Thomas
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Scott Thomas
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Scott Thomas
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Kim Hanson, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2019
Violations Found: No

MICRO GAGE INC (Continued) **1000365891**

Eval Type: Routine done by local agency
Eval Notes: Kim Hanson, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Kim Hanson, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 48804
Facility Name: MICROGAGE
Env Int Type Code: HWG
Program ID: 10284565
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.069550
Longitude: -118.061160

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: MICRO GAGE INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9537 TELSTAR AVE
Affiliation City: EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91731
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: ERIC COTTON
Entity Title: Not reported
Affiliation Address: 9537 TELSTAR AVE.
Affiliation City: EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91731
Affiliation Phone: Not reported

MICRO GAGE INC (Continued) **1000365891**

Affiliation Type Desc: Legal Owner
Entity Name: MGC INDUSTRIAL INC
Entity Title: Not reported
Affiliation Address: 9537 TELSTAR AVE
Affiliation City: EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91731
Affiliation Phone: (626) 443-1741

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Martin CHINN
Entity Title: V.P.
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: ROBERT LITTLE
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: ROBERT LITTLE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 443-1741

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Document Preparer
Entity Name: KIM HINSON
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

MICRO GAGE INC (Continued) **1000365891**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: ROBERT LITTLE
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: MICRO GAGE INC
Address: 9537 TELSTAR AVE
Address 2: Not reported
City,State,Zip: EL MONTE, CA 917310000
EPA ID: CAD066248287
Inactive Date: Not reported
Create Date: 07/23/1982
Last Act Date: 07/21/2020
Mailing Name: Not reported
Mailing Address: 9537 TELSTAR AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: EL MONTE, CA 917310000
Owner Name: BRUCE TALMO
Owner Address: 9537 TELSTAR AVE
Owner Address 2: Not reported
Owner City,State,Zip: EL MONTE, CA 917312912
Contact Name: BRUCE TALMO
Contact Address: 9537 TELSTAR AVE
Contact Address 2: Not reported
City,State,Zip: EL MONTE, CA 91731

NAICS:
EPA ID: CAD066248287
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 334413
NAICS Description: Semiconductor and Related Device Manufacturing
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: Not reported
Facility Name: MICRO GAGE INC
Facility Address: 9537 TELSTAR AVE
Facility Address 2: Not reported
Facility City: EL MONTE
Facility County: Not reported
Facility State: CA
Facility Zip: 917310000

345 **NNW** **1/2-1** **0.766 mi.** **4046 ft.**

UNKNOWN
C/O AEROJET & TELSTAR
EL MONTE, CA

Notify 65 **S100178007** **N/A**

Relative: Higher
Actual: 255 ft.

NOTIFY 65:

Name:	UNKNOWN
Address:	C/O AEROJET & TELSTAR
City,State,Zip:	EL MONTE, CA
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

---

346 **NNW** **1/2-1** **0.834 mi.** **4406 ft.**

SIGNET SCIENTIFIC
3401 AEROJET AVENUE
EL MONTE, CA 91731

RCRA-SQG **ENVIROSTOR** **VCP** **SWEEPS UST** **HIST UST** **CA FID UST** **ECHO** **EMI** **WIP**

1000314094 **CAD008336562**

Relative: Higher
Actual: 259 ft.

RCRA-SQG:

Date Form Received by Agency:	1988-03-03 00:00:00.0
Handler Name:	SIGNET SCIENTIFIC
Handler Address:	3401 AEROJET AVE
Handler City,State,Zip:	EL MONTE, CA 91734
EPA ID:	CAD008336562
Contact Name:	CONTACT NAME
Contact Address:	3401 AEROJET AVE
Contact City,State,Zip:	EL MONTE, CA 91734
Contact Telephone:	818-571-2770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 5770
Mailing City,State,Zip:	EL MONTE, CA 91734
Owner Name:	GEORGE FISHER
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

SIGNET SCIENTIFIC (Continued) **1000314094**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:23:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner

SIGNET SCIENTIFIC (Continued) **1000314094**

Owner/Operator Name: GEORGE FISHER
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1988-03-03 00:00:00.0
Handler Name: SIGNET SCIENTIFIC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334513
NAICS Description: INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

SIGNET SCIENTIFIC (Continued) **1000314094**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2014-10-29 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SYLIN
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENVIROSTOR:
Name: COMMERCIAL PROPERTY
Address: 3401 AEROJET AVENUE
City,State,Zip: EL MONTE, CA 91731
Facility ID: 60003031
Status: Active
Status Date: 08/07/2020
Site Code: 301909
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.66
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Laura Radke
Supervisor: Juli Propes

SIGNET SCIENTIFIC (Continued) **1000314094**

Division Branch: Cleanup Chatsworth
Assembly: , 49
Senate: , 22
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.07003
Longitude: -118.0693
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 301909
Alias Type: Project Code (Site Code)
Alias Name: 60003031
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 08/07/2020
Comments: Application Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/03/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/03/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/08/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/01/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/18/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SIGNET SCIENTIFIC (Continued) **1000314094**

Completed Document Type: Standard Voluntary Agreement
Completed Date: 09/02/2020
Comments: SVA fully signed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 10/12/2020
Comments: Ongoing

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 02/19/2021
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: COMMERCIAL PROPERTY
Address: 3401 AEROJET AVENUE
City,State,Zip: EL MONTE, CA 91731
Facility ID: 60003031
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.66
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Laura Radke
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Site Code: 301909
Assembly: , 49
Senate: , 22
Special Programs Code: Voluntary Cleanup Program
Status: Active
Status Date: 08/07/2020
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 34.07003 / -118.0693
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 301909

SIGNET SCIENTIFIC (Continued) **1000314094**

Alias Type: Project Code (Site Code)
Alias Name: 60003031
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 08/07/2020
Comments: Application Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/03/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/03/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/08/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/01/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/18/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 09/02/2020
Comments: SVA fully signed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 10/12/2020
Comments: Ongoing

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 02/19/2021
Comments: Not reported

SIGNET SCIENTIFIC (Continued) **1000314094**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SWEEPS UST:

Name:	SIGNET SCIENTIFIC CO
Address:	3401 AEROJET AVE
City:	EL MONTE
Status:	Active
Comp Number:	9241
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-009241-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

HIST UST:

Name:	SIGNET SCIENTIFIC CO
Address:	3401 AEROJET AVE
City,State,Zip:	EL MONTE, CA 91734
File Number:	00028641
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028641.pdf
Region:	STATE
Facility ID:	00000041551
Facility Type:	Other
Other Type:	ELECTRONICS MANUFACT
Contact Name:	CARL NAGEL
Telephone:	8185712770
Owner Name:	SIGNET SCIENTIFIC CO.
Owner Address:	3401 AEROJET AVE
Owner City,St,Zip:	EL MONTE, CA 91731
Total Tanks:	0001

Tank Num:	001
Container Num:	1
Year Installed:	1977
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

SIGNET SCIENTIFIC (Continued) **1000314094**

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19028405
Regulated By:	UTNKA
Regulated ID:	00041551
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	8180000000
Mail To:	Not reported
Mailing Address:	BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	EL MONTE
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

ECHO:

Envid:	1000314094
Registry ID:	110002632688
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002632688
Name:	SIGNET SCIENTIFIC
Address:	3401 AEROJET AVENUE
City,State,Zip:	EL MONTE, CA 91731

EMI:

Name:	SIGNET SCIENTIFIC CO
Address:	3401 AEROJET DR
City,State,Zip:	EL MONTE, CA
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	25805
Air District Name:	SC
SIC Code:	3679
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SIGNET SCIENTIFIC CO
Address:	3401 AEROJET DR
City,State,Zip:	EL MONTE, CA
Year:	1990
County Code:	19
Air Basin:	SC

SIGNET SCIENTIFIC (Continued) **1000314094**

Facility ID: 25805
Air District Name: SC
SIC Code: 3679
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

WIP:
Name: SIGNET SCIENTIFIC COMPANY
Address: 3401 Aerojet Ave
City,State,Zip: EL MONTE, CA 91731
Region: 4
File Number: 107.1511
File Status: Historical
Staff: CORTEZ
Facility Suite: Not reported

---

347 North 1/2-1 0.877 mi. 4633 ft.	**SARGENT FLETCHER INC 9400 E FLAIR DRIVE EL MONTE, CA 91731**	**RCRA-LQG ENVIROSTOR SWEEPS UST HIST UST CA FID UST EMI LOS ANGELES CO. HMS LA Co. Site Mitigation CIWQS CERS**	**1000233728 CAD008322737**
Relative: Higher			
Actual: 262 ft.			

RCRA-LQG:
Date Form Received by Agency: 2010-06-10 00:00:00.0
Handler Name: SARGENT FLETCHER INC
Handler Address: 9400 E FLAIR DRIVE
Handler City,State,Zip: EL MONTE, CA 91731
EPA ID: CAD008322737
Contact Name: GILBERT TANON
Contact Address: 9400 E FLAIR DRIVE
Contact City,State,Zip: EL MONTE, CA 91731
Contact Telephone: 626-215-5923
Contact Fax: Not reported
Contact Email: GILBERT.TANON@COBHAM.COM
Contact Title: FACILITIES MANAGER
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2009
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported

SARGENT FLETCHER INC (Continued) **1000233728**

Mailing Address:	2734 HICKORY GROVE ROAD
Mailing City,State,Zip:	DAVENPORT, ID 52804
Owner Name:	COBHAM
Owner Type:	Private
Operator Name:	SARGENT FLETCHER INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2010-10-06 16:38:05.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

SARGENT FLETCHER INC (Continued) **1000233728**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D011
Waste Description: SILVER

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

SARGENT FLETCHER INC (Continued) **1000233728**

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F019
Waste Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SAME
Legal Status: Private
Date Became Current: 1994-09-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported

SARGENT FLETCHER INC (Continued) **1000233728**

Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAME
Legal Status: Private
Date Became Current: 1994-09-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COBHAM PLC.
Legal Status: Private
Date Became Current: 1994-09-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: BROOK ROAD,
Owner/Operator City,State,Zip: WIMBORNE, DORSET
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SARGENT FLETCHER INC
Legal Status: Private
Date Became Current: 1953-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SARGENT FLETCHER INC
Legal Status: Private
Date Became Current: Not reported

SARGENT FLETCHER INC (Continued) **1000233728**

Date Ended Current: Not reported
Owner/Operator Address: 9400 E FLAIR DR
Owner/Operator City,State,Zip: EL MONTE, CA 91731
Owner/Operator Telephone: 818-443-7171
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAME
Legal Status: Private
Date Became Current: 1994-09-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COBHAM
Legal Status: Private
Date Became Current: 1994-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2734 HICKORY GROVE ROAD
Owner/Operator City,State,Zip: DAVENPORT, IA 52804
Owner/Operator Telephone: 563-383-6293
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COBHAM PLC
Legal Status: Private
Date Became Current: 1994-09-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: BRICK ROAD
Owner/Operator City,State,Zip: WIMBORNE, DORSET
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COBHAM PLC
Legal Status: Private
Date Became Current: 1994-09-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: BRICK ROAD
Owner/Operator City,State,Zip: WIMBORNE, DORSET
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

SARGENT FLETCHER INC (Continued) **1000233728**

Historic Generators:

Receive Date: 2010-06-10 00:00:00.0
Handler Name: SARGENT FLETCHER INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-09-01 00:00:00.0
Handler Name: SARGENT FLETCHER INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-09-26 00:00:00.0
Handler Name: SARGENT FLETCHER INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1990-06-18 00:00:00.0
Handler Name: SARGENT FLETCHER COMPANY#
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-10-23 00:00:00.0
Handler Name: SARGENT-FLETCHER COMPANY#
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported

SARGENT FLETCHER INC (Continued) **1000233728**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-31 00:00:00.0
Handler Name: SARGENT FLETCHER COMPANY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-02-15 00:00:00.0
Handler Name: SARGENT FLETCHER INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-04 00:00:00.0
Handler Name: SARGENT FLETCHER INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-10-12 00:00:00.0
Handler Name: SARGENT FLETCHER INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

SARGENT FLETCHER INC (Continued) **1000233728**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-28 00:00:00.0
Handler Name: SARGENT FLETCHER INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2004-02-17 00:00:00.0
Handler Name: SARGENT FLETCHER INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-28 00:00:00.0
Handler Name: SARGENT FLETCHER INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-02-22 00:00:00.0
Handler Name: SARGENT FLETCHER INC.,
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

SARGENT FLETCHER INC (Continued) **1000233728**

List of NAICS Codes and Descriptions:
NAICS Code: 332999
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

NAICS Code: 335999
NAICS Description: ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

NAICS Code: 336413
NAICS Description: OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2004-01-27 00:00:00.0
Actual Return to Compliance Date: 2004-02-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 2004-01-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2004-01-27 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

SARGENT FLETCHER INC (Continued) **1000233728**

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2004-02-27 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENVIROSTOR:
Name: SARGENT FLETCHER, INC.
Address: 9400 E. FLAIR DRIVE
City,State,Zip: EL MONTE, CA 91731
Facility ID: 71002188
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.07096
Longitude: -118.0630
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008322737
Alias Type: EPA Identification Number
Alias Name: 110000781967
Alias Type: EPA (FRS #)
Alias Name: 71002188
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/15/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 09/28/1995

SARGENT FLETCHER INC (Continued) **1000233728**

Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:

Name: SARGENT-FLETCHER COMPANY
Address: 9400 E FLAIR DR
City: EL MONTE
Status: Active
Comp Number: 9078
Number: 9
Board Of Equalization: 44-008288
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009078-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 2

Name: SARGENT-FLETCHER COMPANY
Address: 9400 E FLAIR DR
City: EL MONTE
Status: Active
Comp Number: 9078
Number: 9
Board Of Equalization: 44-008288
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009078-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:

Name: SARGENT-FLETCHER CO
Address: 9400 E FLAIR DRIVE

SARGENT FLETCHER INC (Continued) **1000233728**

City,State,Zip: EL MONTE, CA 91731
File Number: 000281B1
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000281B1.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 19003209
Regulated By: UTNKA
Regulated ID: 00017490
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 9400 E FLAIR DR
Mailing Address 2: Not reported
Mailing City,St,Zip: EL MONTE
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:
Name: A J INDUSTRIES INC, SARGENT-FL
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 15549
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

SARGENT FLETCHER INC (Continued) **1000233728**

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 72
Reactive Organic Gases Tons/Yr: 71
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: A J INDUSTRIES INC, SARGENT-FL
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 15549
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 35
Reactive Organic Gases Tons/Yr: 34
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: A J INDUSTRIES INC, SARGENT-FL
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 1993
County Code: 19
Air Basin: SC
Facility ID: 15549
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: A J INDUSTRIES INC, SARGENT-FL
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 15549
Air District Name: SC

SARGENT FLETCHER INC (Continued) **1000233728**

SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 1996
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 1998
County Code: 19

SARGENT FLETCHER INC (Continued) **1000233728**

Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR

SARGENT FLETCHER INC (Continued) **1000233728**

City,State,Zip: EL MONTE, CA
Year: 2001
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3720
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 2002
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 2003
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

SARGENT FLETCHER INC (Continued) **1000233728**

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6.02263
Reactive Organic Gases Tons/Yr: 4.91
Carbon Monoxide Emissions Tons/Yr: 0.08864
NOX - Oxides of Nitrogen Tons/Yr: 0.306
SOX - Oxides of Sulphur Tons/Yr: 0.001946
Particulate Matter Tons/Yr: 0.0178523
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.02

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 2005
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.696
Reactive Organic Gases Tons/Yr: 2.5977279
Carbon Monoxide Emissions Tons/Yr: .32
NOX - Oxides of Nitrogen Tons/Yr: .381
SOX - Oxides of Sulphur Tons/Yr: .00229
Particulate Matter Tons/Yr: .029115
Part. Matter 10 Micrometers and Smllr Tons/Yr:.0291104

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 2006
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.183259580814161155
Reactive Organic Gases Tons/Yr: .824
Carbon Monoxide Emissions Tons/Yr: .294
NOX - Oxides of Nitrogen Tons/Yr: .35
SOX - Oxides of Sulphur Tons/Yr: .002

SARGENT FLETCHER INC (Continued) **1000233728**

Particulate Matter Tons/Yr: .027
Part. Matter 10 Micrometers and Smllr Tons/Yr:.027

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA
Year: 2007
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.183259580814161155
Reactive Organic Gases Tons/Yr: .824
Carbon Monoxide Emissions Tons/Yr: .294
NOX - Oxides of Nitrogen Tons/Yr: .35
SOX - Oxides of Sulphur Tons/Yr: .002
Particulate Matter Tons/Yr: .027
Part. Matter 10 Micrometers and Smllr Tons/Yr:.027

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA 91731
Year: 2008
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7.825543396291239583
Reactive Organic Gases Tons/Yr: 4.01805
Carbon Monoxide Emissions Tons/Yr: .31
NOX - Oxides of Nitrogen Tons/Yr: .37
SOX - Oxides of Sulphur Tons/Yr: .002244
Particulate Matter Tons/Yr: .03
Part. Matter 10 Micrometers and Smllr Tons/Yr:.0296

Name: SARGENT FLETCHER INC
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA 91731
Year: 2009
County Code: 19
Air Basin: SC
Facility ID: 103888
Air District Name: SC
SIC Code: 3728
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.7120283258407301
Reactive Organic Gases Tons/Yr: 2.1082999999999998

SARGENT FLETCHER INC (Continued) **1000233728**

Carbon Monoxide Emissions Tons/Yr: 0.29999999999999999
NOX - Oxides of Nitrogen Tons/Yr: 0.34999999999999998
SOX - Oxides of Sulphur Tons/Yr: 0.00215
Particulate Matter Tons/Yr: 5.9999999999999998E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:5.8400000000000001E-2

LOS ANGELES CO. HMS:
Name: SARGENT FLETCHER INC
Address: 9400 FLAIR DR
City,State,Zip: EL MONTE, CA 91731
Region: LA
Permit Category: T
Facility Id: 009277-009078
Facility Type: 0
Facility Status: Removed
Area: 3C
Permit Number: 00000048T
Permit Status: Removed

LA Co. Site Mitigation:
Name: FORMER SARGENT FLETCHER INC.
Address: 9400 E FLAIR DR
City,State,Zip: EL MONTE, CA 91731
Facility ID: FA0010777
Status: ACTIVE
Site ID: SD0012041
Jurisdiction: Not reported
Case ID: RO0012041
Abated: No
Assigned To: James Ly
Entered Date: Not reported
Abated Date: Not reported

CIWQS:
Name: SARGENT FLETCHER INC
Address: 9400 FLAIR DR
City,State,Zip: EL MONTE, CA 91731
Agency: Sargent Fletcher Inc
Agency Address: 9400 Flair Dr, El Monte, CA 91731
Place/Project Type: Industrial - Aircraft Parts and Auxiliary Equipment, NEC
SIC/NAICS: 3728
Region: 4
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 4 19I003860
NPDES Number: CAS000001
Adoption Date: 01/01/1900
Effective Date: 04/03/1992
Termination Date: 08/23/2012
Expiration/Review Date: 01/01/1900
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported

SARGENT FLETCHER INC (Continued) **1000233728**

Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.07199
Longitude: -118.06429

CERS:
Name: SARGENT FLETCHER INC
Address: 9400 E. FLAIR DR.
City,State,Zip: EL MONTE, CA 91731-2909
Site ID: 492728
CERS ID: 110000781967
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Public Contact
Entity Name: BOB REISS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: GILBERT TANON
Entity Title: FACILITIES MANAGER
Affiliation Address: 9400 E FLAIR DRIVE
Affiliation City: ELMONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

BA348 **USAR OD TRAINING AR WH NAR** **ENVIROSTOR** **S107737508**
SSW **N/A**
1/2-1 **WHITTIER, CA**
0.927 mi.
4892 ft. **Site 1 of 2 in cluster BA**

Relative:
Lower

Actual:
223 ft.

ENVIROSTOR:
Name: USAR OD TRAINING AR WH NAR
Address: Not reported
City,State,Zip: WHITTIER, CA
Facility ID: 80000492
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress

USAR OD TRAINING AR WH NAR (Continued) **S107737508**

Assembly: 57
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 34.04583
Longitude: -118.0708
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F564500
Alias Type: Federal Facility ID
Alias Name: J09CA0658
Alias Type: INPR
Alias Name: 80000492
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

BA349
SSW
1/2-1
0.927 mi.
4895 ft.

USAR OUTDR TRAINNG AREA WH NAR — **FUDS** — **1024903682** **N/A**

WHITTIER, CA

Site 2 of 2 in cluster BA

Relative:
Lower

Actual:
223 ft.

FUDS:
EPA Region: 9
Installation ID: CA99799F564500
Congressional District Number: 38
Name: USAR OUTDR TRAINNG AREA WH NAR
FUDS Number: J09CA0658
City: WHITTIER
State: CA
County: LOS ANGELES
Object ID: 1489
USACE Division: SPD
USACE District: Los Angeles District (SPL)
Status: Properties without projects
Current Owner: Not reported
EMS Map Link: https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=61208

USAR OUTDR TRAINNG AREA WH NAR (Continued) **1024903682**

Eligibility:	Ineligible
Has Projects:	No
NPL Status:	Not on the NPL
Property History:	Not reported
Project Required:	No
Feature Description:	Not reported
X Coord:	-118.07080078
Y Coord:	34.046020507999998
Latitude:	34.045833330000001
Longitude:	-118.07083333

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350 **NNW** **1/2-1** **0.929 mi.** **4906 ft.**	**AEROJET GENERAL CORP.** **9100 FLAIR DRIVE** **EL MONTE, CA 91731**	**RESPONSE** **ENVIROSTOR** **Cortese**	**S107143058** **N/A**

Relative: **Higher**

Actual: **263 ft.**

RESPONSE:

Name:	AEROJET GENERAL CORP.
Address:	9100 FLAIR DRIVE
City,State,Zip:	EL MONTE, CA 91731
Facility ID:	60000742
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	72
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Laura Radke
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	301377
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	49
Senate:	22
Special Program Status:	Not reported
Status:	Active
Status Date:	10/19/2007
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	34.07156
Longitude:	-118.0686
APN:	8595003005, 8595003009, 8595003028, 8595003034, 8595003047, 8595003048, 8595003049, 8595003053, 8595003901, 8595003903
Past Use:	AEROSPACE MANUFACTURING/MAINTENANCE, AEROSPACE ROCKET TESTING/LAUNCH, ENGINE TESTING/REPAIR, LABORATORIES- BIOLOGICAL, LABORATORIES- CHEMICAL, LABORATORIES- UNSPECIFIED, OFFICE BUILDING, RESEARCH - AEROSPACE, RESEARCH - CHEMICAL, RESEARCH - OTHER, RESEARCH - WEAPONS
Potential COC :	Perchlorate Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Chromium VI 1,2-Dichloroethylene (cis 1,4-Dioxane
Confirmed COC:	NONE SPECIFIED
Potential Description:	OTH, SED, SOIL, SV
Alias Name:	8595003005
Alias Type:	APN
Alias Name:	8595003009
Alias Type:	APN
Alias Name:	8595003028

AEROJET GENERAL CORP. (Continued) **S107143058**

Alias Type: APN
Alias Name: 8595003034
Alias Type: APN
Alias Name: 8595003047
Alias Type: APN
Alias Name: 8595003048
Alias Type: APN
Alias Name: 8595003049
Alias Type: APN
Alias Name: 8595003053
Alias Type: APN
Alias Name: 8595003901
Alias Type: APN
Alias Name: 8595003903
Alias Type: APN
Alias Name: 110033613105
Alias Type: EPA (FRS #)
Alias Name: SL603792728
Alias Type: GeoTracker Global ID
Alias Name: 301377
Alias Type: Project Code (Site Code)
Alias Name: 60000742
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 01/21/2009
Comments: VCA fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/08/2008
Comments: DTSC Reviewed the QM Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/29/2010
Comments: DTSC Conditionally Approved the Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/20/2008
Comments: DTSC Reviewed the Quarterly Monitoring Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/23/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

AEROJET GENERAL CORP. (Continued) **S107143058**

Completed Date: 01/15/2009
Comments: DTSC had no comments on the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2009
Comments: DTSC Reviewed the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/27/2010
Comments: DTSC accepted QM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/20/2012
Comments: supplemental site assessment report is sufficient with responses to dtsc comments and additional assessment work plan submittal

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/28/2010
Comments: DTSC reviewed the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/19/2011
Comments: DTSC accepted report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/24/2012
Comments: routine groundwater monitoring report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/08/2013
Comments: no comments from DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/18/2013
Comments: DTSC comments will be submitted with RI review

AEROJET GENERAL CORP. (Continued) **S107143058**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/29/2014
Comments: DTSC comments will be with RI report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/06/2014
Comments: work plan subsequent to this report for filling data gaps

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 09/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2015
Comments: sufficient report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/31/2014
Comments: sufficient report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/15/2015
Comments: formal comments not needed for this report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/03/2015
Comments: soil gas data reviewed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/05/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/09/2016
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

AEROJET GENERAL CORP. (Continued) **S107143058**

Completed Date: 06/30/2016
Comments: routine monitoring report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/18/2016
Comments: Request for Groundwater Monitoring Program Changes

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/21/2016
Comments: Remedial Investigation Report Addendum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/25/2016
Comments: I have reviewed the report and noted that the downgradient extent of TCE from monitoring well MW-10B may need to be assessed. I anticipate that this possible work will take place after task 3 of the VCA is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/05/2017
Comments: Risk Assessment Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/20/2017
Comments: pm finished review of report today. Additional groundwater characterization is warranted. plan to discuss this with Aerojet during a scoping meeting after completion of the risk assessment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/18/2017
Comments: First Semi-Annual 2017 Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/19/2018
Comments: Second Semi-Annual 2017 Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/25/2018
Comments: First Semi-Annual 2018 Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE

AEROJET GENERAL CORP. (Continued) **S107143058**

Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 09/20/2018
Comments: Aerojet seeking private agreements placing land use restrictions and/or other remedies on the former Aerojet property that is now the property of new landowners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/26/2019
Comments: sufficient groundwater monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/13/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/23/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/09/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/17/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/12/2014
Comments: file reviewed by dtsc legal and pm and ok for public records act request

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/19/2016
Comments: routine annual cost estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/31/2018
Comments: VCA amendment #1 is now fully executed.

Completed Area Name: PROJECT WIDE

AEROJET GENERAL CORP. (Continued) **S107143058**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/12/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/08/2021
Comments: Notice received February 8, 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/24/2021
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Feasibility Study Report
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: AEROJET GENERAL CORP.
Address: 9100 FLAIR DRIVE
City,State,Zip: EL MONTE, CA 91731
Facility ID: 60000742
Status: Active
Status Date: 10/19/2007
Site Code: 301377
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 72
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Laura Radke
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.07156

AEROJET GENERAL CORP. (Continued) **S107143058**

Longitude: -118.0686
APN: 8595003005, 8595003009, 8595003028, 8595003034, 8595003047, 8595003048, 8595003049, 8595003053, 8595003901, 8595003903
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, AEROSPACE ROCKET TESTING/LAUNCH, ENGINE TESTING/REPAIR, LABORATORIES- BIOLOGICAL, LABORATORIES- CHEMICAL, LABORATORIES- UNSPECIFIED, OFFICE BUILDING, RESEARCH - AEROSPACE, RESEARCH - CHEMICAL, RESEARCH - OTHER, RESEARCH - WEAPONS
Potential COC: Perchlorate Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Chromium VI 1,2-Dichloroethylene (cis 1,4-Dioxane
Confirmed COC: NONE SPECIFIED
Potential Description: OTH, SED, SOIL, SV
Alias Name: 8595003005
Alias Type: APN
Alias Name: 8595003009
Alias Type: APN
Alias Name: 8595003028
Alias Type: APN
Alias Name: 8595003034
Alias Type: APN
Alias Name: 8595003047
Alias Type: APN
Alias Name: 8595003048
Alias Type: APN
Alias Name: 8595003049
Alias Type: APN
Alias Name: 8595003053
Alias Type: APN
Alias Name: 8595003901
Alias Type: APN
Alias Name: 8595003903
Alias Type: APN
Alias Name: 110033613105
Alias Type: EPA (FRS #)
Alias Name: SL603792728
Alias Type: GeoTracker Global ID
Alias Name: 301377
Alias Type: Project Code (Site Code)
Alias Name: 60000742
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 01/21/2009
Comments: VCA fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/08/2008
Comments: DTSC Reviewed the QM Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/29/2010
Comments: DTSC Conditionally Approved the Workplan.

AEROJET GENERAL CORP. (Continued) **S107143058**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/20/2008
Comments: DTSC Reviewed the Quarterly Monitoring Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/23/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/15/2009
Comments: DTSC had no comments on the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2009
Comments: DTSC Reviewed the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/27/2010
Comments: DTSC accepted QM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/20/2012
Comments: supplemental site assessment report is sufficient with responses to dtsc comments and additional assessment work plan submittal

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/28/2010
Comments: DTSC reviewed the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/19/2011
Comments: DTSC accepted report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

AEROJET GENERAL CORP. (Continued) **S107143058**

Completed Document Type: Technical Report
Completed Date: 09/24/2012
Comments: routine groundwater monitoring report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/08/2013
Comments: no comments from DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/18/2013
Comments: DTSC comments will be submitted with RI review

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/29/2014
Comments: DTSC comments will be with RI report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/06/2014
Comments: work plan subsequent to this report for filling data gaps

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 09/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2015
Comments: sufficient report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/31/2014
Comments: sufficient report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/15/2015
Comments: formal comments not needed for this report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/03/2015
Comments: soil gas data reviewed

AEROJET GENERAL CORP. (Continued) **S107143058**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/05/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/09/2016
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/30/2016
Comments: routine monitoring report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/18/2016
Comments: Request for Groundwater Monitoring Program Changes

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/21/2016
Comments: Remedial Investigation Report Addendum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/25/2016
Comments: I have reviewed the report and noted that the downgradient extent of TCE from monitoring well MW-10B may need to be assessed. I anticipate that this possible work will take place after task 3 of the VCA is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/05/2017
Comments: Risk Assessment Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/20/2017
Comments: pm finished review of report today. Additional groundwater characterization is warranted. plan to discuss this with Aerojet during a scoping meeting after completion of the risk assessment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/18/2017

AEROJET GENERAL CORP. (Continued) **S107143058**

Comments: First Semi-Annual 2017 Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/19/2018
Comments: Second Semi-Annual 2017 Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/25/2018
Comments: First Semi-Annual 2018 Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 09/20/2018
Comments: Aerojet seeking private agreements placing land use restrictions and/or other remedies on the former Aerojet property that is now the property of new landowners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/26/2019
Comments: sufficient groundwater monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/13/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/23/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/09/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/17/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/12/2014
Comments: file reviewed by dtsc legal and pm and ok for public records act

AEROJET GENERAL CORP. (Continued) **S107143058**

request

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/19/2016
Comments: routine annual cost estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/31/2018
Comments: VCA amendment #1 is now fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/12/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/08/2021
Comments: Notice received February 8, 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/24/2021
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Feasibility Study Report
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CORTESE:
Name: AEROJET GENERAL CORP.
Address: 9100 FLAIR DRIVE
City,State,Zip: EL MONTE, CA 91731
Region: CORTESE
Envirostor Id: 60000742
Global ID: Not reported
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE

AEROJET GENERAL CORP. (Continued) **S107143058**

Status Date:	10/19/2007
Site Code:	301377
Latitude:	34.071564
Longitude:	-118.06868
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Haz Waste & Substances Sites

BB351 **FORMER NIKE SITE LA-14, LAUNCHER AREA** **FUDS** **1024903864**
SSE **N/A**
1/2-1 **WHITTIER NARROWS, CA**
0.984 mi.
5195 ft. **Site 1 of 2 in cluster BB**

Relative:
Lower

Actual:
235 ft.

FUDS:

EPA Region:	9
Installation ID:	CA99799F828900
Congressional District Number:	38
Name:	FORMER NIKE SITE LA-14, LAUNCHER AREA
FUDS Number:	J09CA7057
City:	WHITTIER NARROWS
State:	CA
County:	LOS ANGELES
Object ID:	9153
USACE Division:	SPD
USACE District:	Los Angeles District (SPL)
Status:	Properties without projects
Current Owner:	Not reported
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=56584
Eligibility:	Eligible
Has Projects:	No
NPL Status:	Not on the NPL
Property History:	N/A
Project Required:	No
Feature Description:	Not reported
X Coord:	-118.05828857
Y Coord:	34.043212891000003
Latitude:	34.043055559999999
Longitude:	-118.05833333

BB352 **NIKE SITE 14 - LA LAUNCHER AREA** **ENVIROSTOR** **S109548288**
SSE **N/A**
1/2-1 **WHITTIER NARROWS, CA**
0.984 mi.
5198 ft. **Site 2 of 2 in cluster BB**

Relative:
Lower

Actual:
235 ft.

ENVIROSTOR:

Name:	NIKE SITE 14 - LA LAUNCHER AREA
Address:	Not reported
City,State,Zip:	WHITTIER NARROWS, CA
Facility ID:	80000745
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	57
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.04305
Longitude:	-118.0583
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	FORMER NIKE SITE LA-14, LAUNCHER AREA
Alias Type:	Alternate Name
Alias Name:	CA99799F828900
Alias Type:	Federal Facility ID
Alias Name:	J09CA7057
Alias Type:	INPR
Alias Name:	80000745
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported

NIKE SITE 14 - LA LAUNCHER AREA (Continued) **S109548288**

Schedule Revised Date: Not reported

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SOUTH EL MONTE	S122853937	TED LEVINE DRUM ALPACA / EL POCHE	9648, 9660 EAST EL POCHE & 966	91733	CPS-SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/30/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 39

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 02/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 02/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/05/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 04/01/2021
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: No Update Planned

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/15/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/22/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 77

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 47

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/07/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/17/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 87

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/19/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/22/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/07/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/27/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/14/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 33

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 02/23/2021
Date Data Arrived at EDR: 02/25/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 83

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/26/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/04/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 77

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 74

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/05/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 78

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region’s active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/19/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data
The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/09/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021
Date Data Arrived at EDR: 03/18/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 7

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing

Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 07/02/2021
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/17/2020
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA’s are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/14/2021
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 80

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 2

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/10/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 04/22/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 01/28/2021
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/12/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/12/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 81

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 04/07/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 73

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 06/02/2021
Next Scheduled EDR Contact: 09/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 07/15/2021
Number of Days to Update: 77

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/29/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 05/03/2021
Number of Days to Update: 4

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 06/07/2021
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/21/2021
Number of Days to Update: 79

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 3

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/06/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/02/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: No Update Planned

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/26/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 82

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/12/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: No Update Planned

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 09/12/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/28/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/21/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 2

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 20

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 10/05/2020
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/13/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association’s annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

2540 ROSEMEAD BLVD,
2540 ROSEMEAD BLVD,
SOUTH EL MONTE, CA 91733

TARGET PROPERTY COORDINATES

Latitude (North):	34.058362 - 34˚ 3' 30.10''
Longitude (West):	118.063705 - 118˚ 3' 49.34''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	401832.0
UTM Y (Meters):	3768942.8
Elevation:	241 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630799 EL MONTE, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

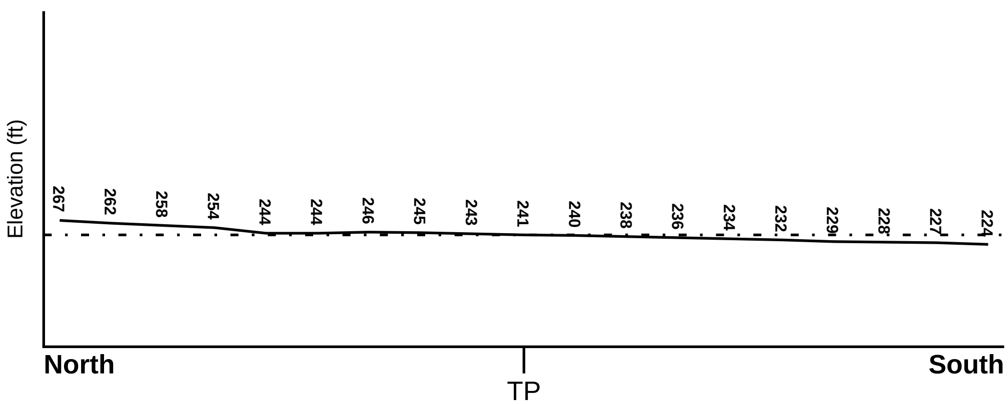
TOPOGRAPHIC INFORMATION

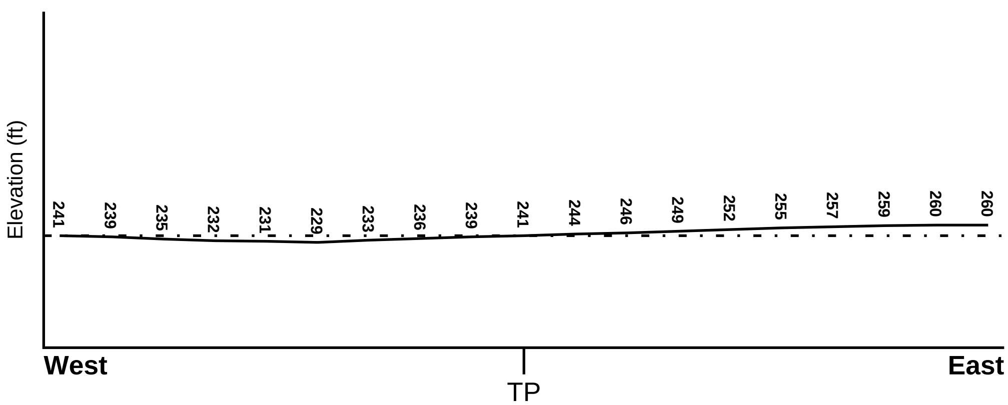
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 241 ft.



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1665F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1675F	FEMA FIRM Flood data
06037C1670F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
EL MONTE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types: fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types: stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D29	USGS40000140339	1/4 - 1/2 Mile WNW
D30	USGS40000140340	1/4 - 1/2 Mile WNW
D41	USGS40000140359	1/4 - 1/2 Mile NW
D43	USGS40000140341	1/4 - 1/2 Mile WNW
77	USGS40000140459	1/2 - 1 Mile NNE
N85	USGS40000140300	1/2 - 1 Mile West
P93	USGS40000140246	1/2 - 1 Mile West
Q99	USGS40000140219	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000013885	1/8 - 1/4 Mile North
A2	CAEDF0000044460	1/8 - 1/4 Mile North
A3	CAEDF0000017819	1/8 - 1/4 Mile North
A4	CAEDF0000038763	1/8 - 1/4 Mile North
A5	CAEDF0000056272	1/8 - 1/4 Mile North
A6	CAEDF0000140193	1/4 - 1/2 Mile North
A7	CAEDF0000058732	1/4 - 1/2 Mile North
B8	CAEDF0000070499	1/4 - 1/2 Mile North
B9	CAEDF0000081781	1/4 - 1/2 Mile North
B10	CAEDF0000047284	1/4 - 1/2 Mile North
B11	CAEDF0000102326	1/4 - 1/2 Mile North
B12	CAEDF0000131426	1/4 - 1/2 Mile North
B13	CAEDF0000011542	1/4 - 1/2 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B14	CAEDF0000094321	1/4 - 1/2 Mile North
B15	CAEDF0000117835	1/4 - 1/2 Mile North
B16	CAEDF0000095727	1/4 - 1/2 Mile North
B17	CAEDF0000083322	1/4 - 1/2 Mile North
B18	CAEDF0000140757	1/4 - 1/2 Mile North
B19	CAEDF0000036593	1/4 - 1/2 Mile NNW
B20	CAEDF0000060043	1/4 - 1/2 Mile North
B21	CAEDF0000066223	1/4 - 1/2 Mile North
B22	CAEDF0000120214	1/4 - 1/2 Mile North
B23	CAEDF0000109174	1/4 - 1/2 Mile North
B24	CAEDF0000047148	1/4 - 1/2 Mile NNW
B25	CAEDF0000136478	1/4 - 1/2 Mile NNW
B26	CAEDF0000078081	1/4 - 1/2 Mile NNW
27	CAEDF0000098209	1/4 - 1/2 Mile NNW
C28	CADPR0000002683	1/4 - 1/2 Mile WSW
D31	CAPFAS000000059	1/4 - 1/2 Mile WNW
D32	CADDW0000002868	1/4 - 1/2 Mile WNW
E33	CADDW0000014733	1/4 - 1/2 Mile NW
E34	CAPFAS000000554	1/4 - 1/2 Mile NW
D35	CADDW0000016238	1/4 - 1/2 Mile NW
D36	CAPFAS000000416	1/4 - 1/2 Mile NW
D37	CADDW0000009714	1/4 - 1/2 Mile WNW
D38	CAPFAS000001318	1/4 - 1/2 Mile WNW
D39	CAPFAS000001057	1/4 - 1/2 Mile WNW
D40	CADDW0000016811	1/4 - 1/2 Mile WNW
C42	CADWR0000000960	1/4 - 1/2 Mile WSW
D44	CADWR0000002446	1/4 - 1/2 Mile WNW
F45	CAEDF0000068628	1/4 - 1/2 Mile South
F46	CAEDF0000043093	1/4 - 1/2 Mile South
F47	CAEDF0000078853	1/4 - 1/2 Mile South
F48	CAEDF0000021245	1/4 - 1/2 Mile South
F49	CAEDF0000039915	1/4 - 1/2 Mile South
F50	CAEDF0000141312	1/4 - 1/2 Mile South
F51	CAEDF0000136950	1/4 - 1/2 Mile South
F52	CAEDF0000134963	1/4 - 1/2 Mile South
G53	CADDW0000012528	1/2 - 1 Mile WSW
G54	CAPFAS000001353	1/2 - 1 Mile WSW
55	CADDW0000019590	1/2 - 1 Mile West
56	CADWR9000006517	1/2 - 1 Mile SE
H57	CADDW0000007014	1/2 - 1 Mile SSW
I58	CAEDF0000007782	1/2 - 1 Mile North
J59	CAEDF0000037543	1/2 - 1 Mile SSE
K60	1386	1/2 - 1 Mile NNW
K61	1395	1/2 - 1 Mile NNW
H62	1423	1/2 - 1 Mile SSW
H63	1392	1/2 - 1 Mile SSW
H64	1424	1/2 - 1 Mile SSW
H65	1426	1/2 - 1 Mile SSW
H66	1425	1/2 - 1 Mile SSW
J67	CAEDF0000080703	1/2 - 1 Mile SSE
J68	CAEDF0000095726	1/2 - 1 Mile SSE
J69	CAEDF0000095729	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I70	CAEDF0000020555	1/2 - 1 Mile NNW
J71	CAEDF0000060969	1/2 - 1 Mile SSE
L72	CADWR0000020445	1/2 - 1 Mile West
L73	CADWR0000014544	1/2 - 1 Mile West
I74	CAEDF0000022449	1/2 - 1 Mile North
J75	CAEDF0000120472	1/2 - 1 Mile SSE
K76	CAEDF0000004546	1/2 - 1 Mile NNW
78	CADWR0000006060	1/2 - 1 Mile WNW
M79	CAEDF0000062335	1/2 - 1 Mile SSE
M80	CAEDF0000036590	1/2 - 1 Mile SSE
J81	CAEDF0000035694	1/2 - 1 Mile SSE
J82	CAEDF0000128634	1/2 - 1 Mile SSE
I83	CAEDF0000011812	1/2 - 1 Mile North
84	CADPR0000004989	1/2 - 1 Mile North
N86	CADDW0000005580	1/2 - 1 Mile West
O87	CAEDF0000008631	1/2 - 1 Mile NNW
O88	CAEDF0000015222	1/2 - 1 Mile NNW
89	CADWR0000005698	1/2 - 1 Mile NNW
90	CADWR0000021625	1/2 - 1 Mile NNE
P91	CADDW0000003304	1/2 - 1 Mile West
P92	CAPFAS000000476	1/2 - 1 Mile West
94	CADWR0000003580	1/2 - 1 Mile South
95	CADWR0000007296	1/2 - 1 Mile East
Q96	CADDW0000005843	1/2 - 1 Mile WSW
Q97	CAPFAS000000067	1/2 - 1 Mile WSW
98	CADWR0000024005	1/2 - 1 Mile SW
100	CADWR0000003134	1/2 - 1 Mile West
R101	CADDW0000013229	1/2 - 1 Mile North
R102	1385	1/2 - 1 Mile North
103	CADWR0000033609	1/2 - 1 Mile SSE
S104	1379	1/2 - 1 Mile NE
S105	1378	1/2 - 1 Mile NE
S106	1393	1/2 - 1 Mile NE
S107	1397	1/2 - 1 Mile NE
S108	1394	1/2 - 1 Mile NE
T109	1401	1/2 - 1 Mile SE
T110	1422	1/2 - 1 Mile SE
111	CAEDF0000020953	1/2 - 1 Mile NNE
U112	CAEDF0000055757	1/2 - 1 Mile WNW
U113	CAEDF0000097565	1/2 - 1 Mile WNW
U114	CAEDF0000031943	1/2 - 1 Mile WNW
S115	CADDW0000017894	1/2 - 1 Mile NE
S116	CADDW0000006839	1/2 - 1 Mile NE
S117	CADDW0000007184	1/2 - 1 Mile NE
S118	CADDW0000005585	1/2 - 1 Mile NE
U119	CAEDF0000057306	1/2 - 1 Mile WNW
U120	CAEDF0000005181	1/2 - 1 Mile WNW
U121	CAEDF0000072712	1/2 - 1 Mile WNW
U122	CAEDF0000121045	1/2 - 1 Mile WNW
T123	CADDW0000002176	1/2 - 1 Mile SE
T124	CADDW0000015108	1/2 - 1 Mile SE
U125	CAEDF0000076606	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

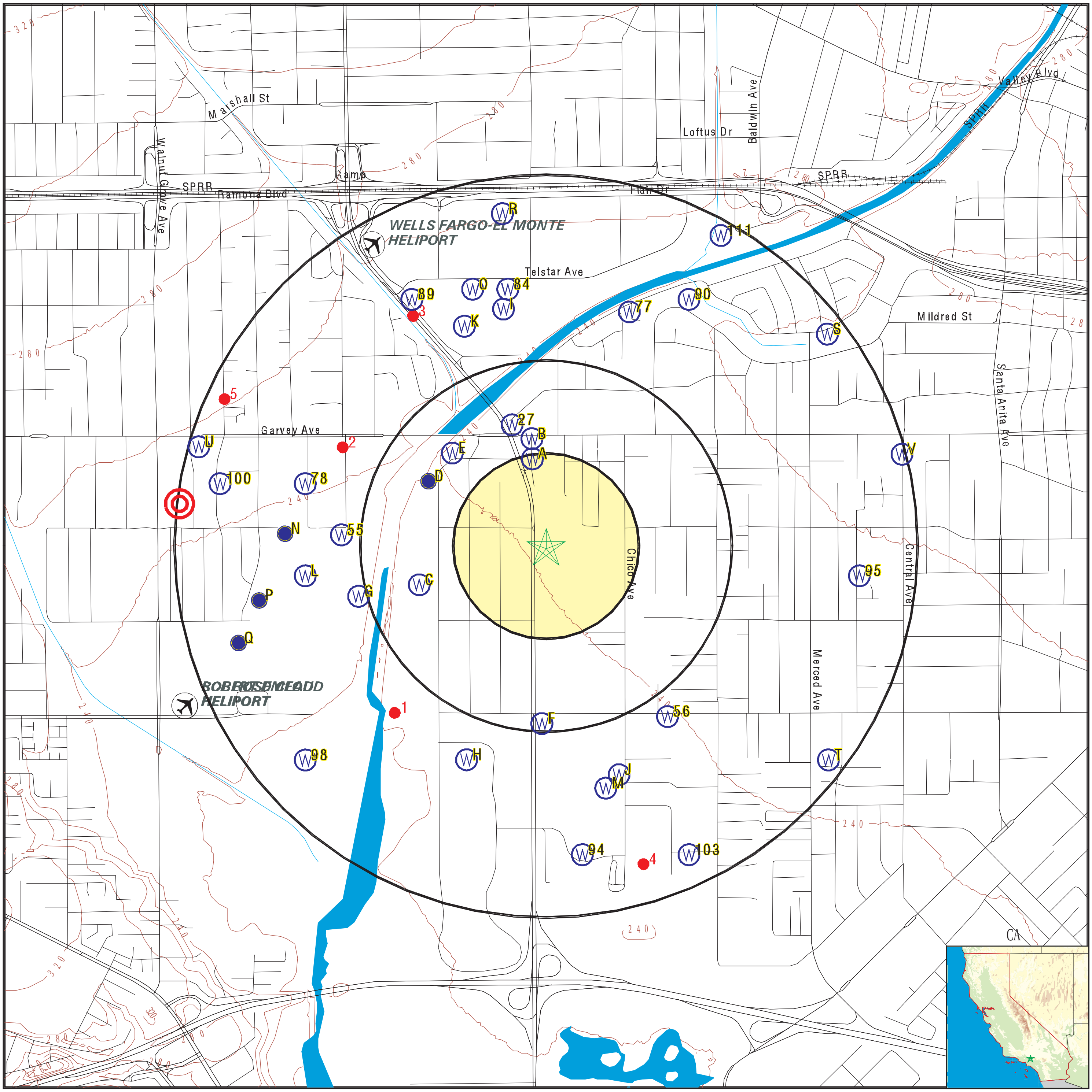
MAP ID	WELL ID	LOCATION FROM TP
U126	CAEDF0000009841	1/2 - 1 Mile WNW
V127	CAEDF0000061807	1/2 - 1 Mile ENE
U128	CAEDF0000095843	1/2 - 1 Mile WNW
V129	CAEDF0000018181	1/2 - 1 Mile ENE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000005909	1/2 - 1 Mile SW
2	CAOG14000005485	1/2 - 1 Mile WNW
3	CAOG14000005268	1/2 - 1 Mile NNW
4	CAOG14000005473	1/2 - 1 Mile SSE
5	CAOG14000014302	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 6596379.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Airports
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

SITE NAME: 2540 Rosemead Blvd, ADDRESS: 2540 Rosemead Blvd, South El Monte CA 91733 LAT/LONG: 34.058362 / 118.063705	CLIENT: Stantec CONTACT: Deborah Hernandez INQUIRY #: 6596379.2s DATE: July 28, 2021 1:06 pm

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
North
1/8 - 1/4 Mile
Higher | **CA WELLS** | **CAEDF0000013885**

Well ID:	T0603703801-MW17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW17		

A2
North
1/8 - 1/4 Mile
Higher | **CA WELLS** | **CAEDF0000044460**

Well ID:	T0603703801-MW16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW16		

A3
North
1/8 - 1/4 Mile
Higher | **CA WELLS** | **CAEDF0000017819**

Well ID:	T0603703801-MW18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW18		

A4
North
1/8 - 1/4 Mile
Higher | **CA WELLS** | **CAEDF0000038763**

Well ID:	T0603703801-MW15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW15		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
North
1/8 - 1/4 Mile
Higher
CA WELLS **CAEDF0000056272**

Well ID:	T0603703801-MW19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW19		

A6
North
1/4 - 1/2 Mile
Higher
CA WELLS **CAEDF0000140193**

Well ID:	T0603703801-MW11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW11		

A7
North
1/4 - 1/2 Mile
Higher
CA WELLS **CAEDF0000058732**

Well ID:	T0603703801-MW20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW20		

B8
North
1/4 - 1/2 Mile
Higher
CA WELLS **CAEDF0000070499**

Well ID:	T0603703801-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B9
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000081781**

Well ID:	T0603703801-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW7		

B10
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000047284**

Well ID:	T0603703801-MW13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW13		

B11
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000102326**

Well ID:	T0603703801-MW14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW14		

B12
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000131426**

Well ID:	T0603703801-BH4	Well Type:	MONITORING
Source:	EDF	Other Name:	BH4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=BH4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=BH4		

Map ID Direction Distance Elevation	Database	EDR ID Number
B13 **North** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000011542**

Well ID:	T0603703801-BH2	Well Type:	MONITORING
Source:	EDF	Other Name:	BH2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=BH2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=BH2		

B14 **North** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000094321**

Well ID:	T0603703801-MW8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW8		

B15 **North** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000117835**

Well ID:	T0603703801-BH5	Well Type:	MONITORING
Source:	EDF	Other Name:	BH5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=BH5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=BH5		

B16 **North** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000095727**

Well ID:	T0603703801-BH3	Well Type:	MONITORING
Source:	EDF	Other Name:	BH3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=BH3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=BH3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B17
North
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CAEDF0000083322**

Well ID:	T0603703801-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW9		

B18
North
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CAEDF0000140757**

Well ID:	T0603703801-BH1	Well Type:	MONITORING
Source:	EDF	Other Name:	BH1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=BH1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=BH1		

B19
NNW
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CAEDF0000036593**

Well ID:	T0603758039-MW11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603758039&assigned_name=MW11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603758039&assigned_name=MW11		

B20
North
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CAEDF0000060043**

Well ID:	T0603703801-MW10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B21
North
1/4 - 1/2 Mile
Higher
CA WELLS **CAEDF0000066223**

Well ID:	T0603703801-MW12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703801&assigned_name=MW12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703801&assigned_name=MW12		

B22
North
1/4 - 1/2 Mile
Higher
CA WELLS **CAEDF0000120214**

Well ID:	T0603758039-MW10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603758039&assigned_name=MW10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603758039&assigned_name=MW10		

B23
North
1/4 - 1/2 Mile
Higher
CA WELLS **CAEDF0000109174**

Well ID:	T0603758039-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603758039&assigned_name=MW9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603758039&assigned_name=MW9		

B24
NNW
1/4 - 1/2 Mile
Higher
CA WELLS **CAEDF0000047148**

Well ID:	T0603758039-MW8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603758039&assigned_name=MW8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603758039&assigned_name=MW8		

Map ID Direction Distance Elevation	Database	EDR ID Number
B25 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000136478**

Well ID:	T0603758039-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603758039&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603758039&assigned_name=MW7		

Map ID	Database	EDR ID Number
B26 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000078081**

Well ID:	T0603758039-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603758039&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603758039&assigned_name=MW6		

Map ID	Database	EDR ID Number
27 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000098209**

Well ID:	T0603758039-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603758039&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603758039&assigned_name=MW5		

Map ID	Database	EDR ID Number
C28 **WSW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CADPR0000002683**

Well ID:	76340	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	76340	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=76340&store_num=		
GeoTracker Data:	Not Reported		

Map ID Direction Distance Elevation		Database	EDR ID Number
D29 **WNW** **1/4 - 1/2 Mile** **Lower**		**FED USGS**	**USGS40000140339**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W30B002S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	312
Well Depth Units:	ft	Well Hole Depth:	312
Well Hole Depth Units:	ft		

		Database	EDR ID Number
D30 **WNW** **1/4 - 1/2 Mile** **Lower**		**FED USGS**	**USGS40000140340**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W30B003S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	534
Well Depth Units:	ft	Well Hole Depth:	534
Well Hole Depth Units:	ft		

		Database	EDR ID Number
D31 **WNW** **1/4 - 1/2 Mile** **Lower**		**CA WELLS**	**CAPFAS000000059**

Well ID:	1910039-009	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08B	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-009&store_num=		
GeoTracker Data:	Not Reported		

		Database	EDR ID Number
D32 **WNW** **1/4 - 1/2 Mile** **Lower**		**CA WELLS**	**CADDW0000002868**

Well ID:	1910039-009	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08B	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-009&store_num=
GeoTracker Data: Not Reported

E33
NW
1/4 - 1/2 Mile
Higher

CA WELLS CADDW0000014733

Well ID:	1910039-011	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08D	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-011&store_num=
GeoTracker Data: Not Reported

E34
NW
1/4 - 1/2 Mile
Higher

CA WELLS CAPFAS000000554

Well ID:	1910039-011	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08D	GAMA PFAS Testing:	Yes

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-011&store_num=
GeoTracker Data: Not Reported

D35
NW
1/4 - 1/2 Mile
Lower

CA WELLS CADDW0000016238

Well ID:	1910039-066	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08F	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-066&store_num=
GeoTracker Data: Not Reported

D36
NW
1/4 - 1/2 Mile
Lower

CA WELLS CAPFAS000000416

Well ID:	1910039-066	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08F	GAMA PFAS Testing:	Yes

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-066&store_num=
GeoTracker Data: Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
D37 **WNW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CADDW0000009714**

Well ID:	1910039-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08C	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-010&store_num=		
GeoTracker Data:	Not Reported		

D38 **WNW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAPFAS000001318**

Well ID:	1910039-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08C	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-010&store_num=		
GeoTracker Data:	Not Reported		

D39 **WNW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAPFAS000001057**

Well ID:	1910039-012	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08E	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-012&store_num=		
GeoTracker Data:	Not Reported		

D40 **WNW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CADDW0000016811**

Well ID:	1910039-012	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08E	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-012&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D41
NW
1/4 - 1/2 Mile
Lower
FED USGS **USGS40000140359**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W30B001S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	310
Well Depth Units:	ft	Well Hole Depth:	310
Well Hole Depth Units:	ft		

C42
WSW
1/4 - 1/2 Mile
Lower
CA WELLS **CADWR0000000960**

Well ID:	01S11W30G001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W30G001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W30G001S&store_num=		
GeoTracker Data:	Not Reported		

D43
WNW
1/4 - 1/2 Mile
Lower
FED USGS **USGS40000140341**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W30B004S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	580
Well Depth Units:	ft	Well Hole Depth:	580
Well Hole Depth Units:	ft		

D44
WNW
1/4 - 1/2 Mile
Lower
CA WELLS **CADWR0000002446**

Well ID:	01S11W30B003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W30B003S	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W30B003S&store_num=
GeoTracker Data: Not Reported

F45
South
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000068628

Well ID:	T0603704623-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704623&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704623&assigned_name=MW-5

F46
South
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000043093

Well ID:	T0603704623-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704623&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704623&assigned_name=MW-1

F47
South
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000078853

Well ID:	T0603704623-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704623&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704623&assigned_name=MW-6

F48
South
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000021245

Well ID:	T0603704623-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704623&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704623&assigned_name=MW-3

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F49
South
1/4 - 1/2 Mile
Lower | **CA WELLS** | **CAEDF0000039915**

Well ID:	T0603704623-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704623&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704623&assigned_name=MW-8		

F50
South
1/4 - 1/2 Mile
Lower | **CA WELLS** | **CAEDF0000141312**

Well ID:	T0603704623-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704623&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704623&assigned_name=MW-2		

F51
South
1/4 - 1/2 Mile
Lower | **CA WELLS** | **CAEDF0000136950**

Well ID:	T0603704623-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704623&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704623&assigned_name=MW-7		

F52
South
1/4 - 1/2 Mile
Lower | **CA WELLS** | **CAEDF0000134963**

Well ID:	T0603704623-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704623&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704623&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G53
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000012528**

Well ID:	1910092-038	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 15	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910092-038&store_num=		
GeoTracker Data:	Not Reported		

G54
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAPFAS000001353**

Well ID:	1910092-038	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 15	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910092-038&store_num=		
GeoTracker Data:	Not Reported		

55
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000019590**

Well ID:	1910092-009	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910092-009&store_num=		
GeoTracker Data:	Not Reported		

56
SE
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000006517**

State Well #:	Not Reported	Station ID:	48920
Well Name:	2944F	Basin Name:	San Gabriel Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	0	Well Completion Rpt #:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
H57 **SSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADDW0000007014**

Well ID:	1910039-008	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08A - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-008&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
I58 **North** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000007782**

Well ID:	JAB-HP-4	Well Type:	DOMESTIC
Source:	Local Groundwater Projects		
Other Name:	JAB-HP-4	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=LOCALGW&samp_date=&global_id=&assigned_name=JAB-HP-4&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
J59 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000037543**

Well ID:	SL603792672-LW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	LW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-12		

	Database	EDR ID Number
K60 **NNW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**1386**

Seq:	1386	Prim sta c:	01S/11W-18K01 S
Frds no:	1910139018	County:	19
District:	07	User id:	4TH
System no:	1910139	Water type:	G
Source nam:	GUESS WELL	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340400.0	Longitude:	1180400.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910139	System nam:	Cal. American Water Co.-San Marino
Hqname:	CALIFORNIA-AMERICAN WATER CO	Address:	2020 HUNTINGTON DRIVE
City:	SAN MARINO	State:	CA
Zip:	91108	Zip ext:	Not Reported
Pop serv:	49353	Connection:	13902
Area serve:	SAN MARINO		

K61
NNW
1/2 - 1 Mile
Higher

CA WELLS 1395

Seq:	1395	Prim sta c:	01S/11W-20L01 S
Frds no:	1910038007	County:	19
District:	07	User id:	4TH
System no:	1910038	Water type:	G
Source nam:	WELL 11 LACFC 2943M - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340400.0	Longitude:	1180400.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910038	System nam:	El Monte-City, Water Dept.
Hqname:	Not Reported	Address:	P.O. BOX 6008
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	13300	Connection:	3344
Area serve:	EL MONTE		

H62
SSW
1/2 - 1 Mile
Lower

CA WELLS 1423

Seq:	1423	Prim sta c:	01S/11W-30B01 S
Frds no:	1910039008	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL 08A LACFCD 2933A - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1180400.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H63
SSW
1/2 - 1 Mile
Lower
CA WELLS 1392

Seq:	1392	Prim sta c:	01S/11W-19Q01 S
Frds no:	1910039035	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL G2A LACFCD 2923G - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1180400.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

H64
SSW
1/2 - 1 Mile
Lower
CA WELLS 1424

Seq:	1424	Prim sta c:	01S/11W-30B02 S
Frds no:	1910039009	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL 08B LACFCD 2933E	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1180400.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

Sample date:	07-FEB-18	Finding:	0.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	07-FEB-18	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	07-FEB-18	Finding:	55.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date: 03-JAN-18 Finding: 170.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-JAN-18 Finding: 4.2
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 03-JAN-18 Finding: 0.77
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-DEC-17 Finding: 110.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-DEC-17 Finding: 0.81
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-NOV-17 Finding: 160.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-NOV-17 Finding: 0.79
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-NOV-17 Finding: 0.93
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-NOV-17 Finding: 97.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 18-OCT-17 Finding: 4.
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 18-OCT-17 Finding: 180.
Chemical: IRON Report units: UG/L
Dlr: 100.

Sample date: 04-OCT-17 Finding: 100.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-OCT-17 Finding: 0.93
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 14-SEP-17 Finding: 82.
Chemical: CALCIUM Report units: MG/L
Dlr: 0.

Sample date: 14-SEP-17 Finding: 26.
Chemical: MAGNESIUM Report units: MG/L
Dlr: 0.

Sample date: 14-SEP-17 Finding: 22.
Chemical: SODIUM Report units: MG/L

Dlr: 0.

Sample date: 14-SEP-17 Finding: 1.4
Chemical: POTASSIUM Report units: MG/L
Dlr: 0.

Sample date: 14-SEP-17 Finding: 29.
Chemical: CHLORIDE Report units: MG/L
Dlr: 0.

Sample date: 14-SEP-17 Finding: 98.
Chemical: SULFATE Report units: MG/L
Dlr: 0.5

Sample date: 14-SEP-17 Finding: 0.64
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date: 14-SEP-17 Finding: 390.
Chemical: IRON Report units: UG/L
Dlr: 100.

Sample date: 14-SEP-17 Finding: 460.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 14-SEP-17 Finding: 0.973
Chemical: LANGELIER INDEX @ 60 C Report units: Not Reported
Dlr: 0.

Sample date: 14-SEP-17 Finding: 0.407
Chemical: LANGELIER INDEX AT SOURCE TEMP. Report units: Not Reported
Dlr: 0.

Sample date: 14-SEP-17 Finding: 310.
Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 14-SEP-17 Finding: 3.9
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 14-SEP-17 Finding: 260.
Chemical: BICARBONATE ALKALINITY Report units: MG/L
Dlr: 0.

Sample date: 14-SEP-17 Finding: 220.
Chemical: ALKALINITY (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 14-SEP-17 Finding: 16.7
Chemical: SOURCE TEMPERATURE C Report units: C
Dlr: 0.

Sample date: 14-SEP-17 Finding: 720.
Chemical: SPECIFIC CONDUCTANCE Report units: US
Dlr: 0.

Sample date: 14-SEP-17 Finding: 7.66
Chemical: PH, LABORATORY Report units: Not Reported
Dlr: 0.

Sample date:	06-SEP-17	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-17	Finding:	0.88
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	5.
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	23-AUG-17	Finding:	0.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-17	Finding:	0.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-17	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-AUG-17	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-AUG-17	Finding:	0.84
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-17	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	0.76
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	0.65
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-17	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date: 11-MAY-17 | Finding: 0.86
Chemical: TRICHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 03-MAY-17 | Finding: 0.72
Chemical: TRICHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 03-MAY-17 | Finding: 130.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 03-MAY-17 | Finding: 4.4
Chemical: NITRATE (AS N) | Report units: MG/L
Dlr: 0.4

Sample date: 05-APR-17 | Finding: 0.64
Chemical: TRICHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 05-APR-17 | Finding: 150.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 01-MAR-17 | Finding: 0.52
Chemical: TRICHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 01-MAR-17 | Finding: 160.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 09-FEB-17 | Finding: 140.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 09-FEB-17 | Finding: 0.54
Chemical: TRICHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 01-FEB-17 | Finding: 120.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 18-JAN-17 | Finding: 4.1
Chemical: NITRATE (AS N) | Report units: MG/L
Dlr: 0.4

Sample date: 04-JAN-17 | Finding: 0.54
Chemical: TRICHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 04-JAN-17 | Finding: 140.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 07-DEC-16 | Finding: 130.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date:	07-DEC-16	Finding:	0.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-16	Finding:	0.62
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-16	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-16	Finding:	0.67
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-16	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-OCT-16	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-16	Finding:	0.81
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-OCT-16	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	05-OCT-16	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-16	Finding:	92.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	0.67
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	5.5
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	18-AUG-16	Finding:	410.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-AUG-16	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-16	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	18-AUG-16	Finding:	0.74
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-AUG-16	Finding:	0.62
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-AUG-16	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUL-16	Finding:	0.67
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUN-16	Finding:	190.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-16	Finding:	0.62
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAY-16	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-APR-16	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-APR-16	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-16	Finding:	0.61
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-16	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	11-FEB-16	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-16	Finding:	0.63
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-16	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JAN-16	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JAN-16	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JAN-16	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-DEC-15	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-DEC-15	Finding:	0.56
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-NOV-15	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-NOV-15	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-15	Finding:	0.67
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-15	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-OCT-15	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-OCT-15	Finding:	0.87
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-SEP-15	Finding:	0.92
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	02-SEP-15	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-AUG-15	Finding:	5.4
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	27-AUG-15	Finding:	0.99
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-AUG-15	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-AUG-15	Finding:	0.98
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-AUG-15	Finding:	430.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	11-AUG-15	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-AUG-15	Finding:	2.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-AUG-15	Finding:	0.64
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-AUG-15	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-15	Finding:	0.89
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-15	Finding:	3.7
Chemical:	1,1,2-TRICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-15	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-15	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUN-15	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	03-JUN-15	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	0.586
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	0.143
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	11-MAY-15	Finding:	0.145
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	0.363
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	11-MAY-15	Finding:	9.17
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	11-MAY-15	Finding:	0.447
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	0.85
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	1.e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-MAY-15	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-15	Finding:	0.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-15	Finding:	0.78
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-15	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-15	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date: 04-MAR-15 Finding: 0.77
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 11-FEB-15 Finding: 130.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 11-FEB-15 Finding: 0.57
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-FEB-15 Finding: 170.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-JAN-15 Finding: 140.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-DEC-14 Finding: 150.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 13-NOV-14 Finding: 130.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-NOV-14 Finding: 140.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-NOV-14 Finding: 0.59
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 22-OCT-14 Finding: 20.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 01-OCT-14 Finding: 220.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-OCT-14 Finding: 0.53
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 23-SEP-14 Finding: 170.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 23-SEP-14 Finding: 0.65
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-SEP-14 Finding: 160.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date:	03-SEP-14	Finding:	0.69
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-14	Finding:	0.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-14	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-14	Finding:	5.5
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-AUG-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-AUG-14	Finding:	0.243
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	0.802
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	0.68
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	27-AUG-14	Finding:	90.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-AUG-14	Finding:	27.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	1.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	21.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr: 0.

Sample date:	27-AUG-14	Finding:	79.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	300.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	7.51
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-AUG-14	Finding:	650.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-AUG-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-AUG-14	Finding:	0.93
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-14	Finding:	190.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JUL-14	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-14	Finding:	0.69
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-14	Finding:	0.66
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-14	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-14	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	07-MAY-14	Finding:	180.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	0.59
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	180.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-APR-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-APR-14	Finding:	0.52
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-14	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAR-14	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-14	Finding:	0.55
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-14	Finding:	190.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-14	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JAN-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JAN-14	Finding:	0.61
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JAN-14	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-DEC-13	Finding:	180.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-DEC-13	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-13	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date:	06-NOV-13	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-13	Finding:	0.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-13	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-OCT-13	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-OCT-13	Finding:	0.62
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-SEP-13	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-SEP-13	Finding:	0.71
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	180.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-AUG-13	Finding:	410.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-AUG-13	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-AUG-13	Finding:	0.65
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-AUG-13	Finding:	190.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-13	Finding:	0.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-13	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	01-AUG-13	Finding:	0.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-AUG-13	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-AUG-13	Finding:	4.8
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	24-JUL-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUL-13	Finding:	0.61
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-13	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-13	Finding:	180.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-13	Finding:	0.56
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-MAY-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-MAY-13	Finding:	6.e-003
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	17-MAY-13	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-13	Finding:	0.53
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-13	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-13	Finding:	0.53
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-13	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-13	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date:	05-MAR-13	Finding:	0.54
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAR-13	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-FEB-13	Finding:	190.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-FEB-13	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JAN-13	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-13	Finding:	180.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JAN-13	Finding:	0.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	5.3
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-DEC-12	Finding:	0.54
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-DEC-12	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-12	Finding:	220.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-12	Finding:	0.82
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-NOV-12	Finding:	180.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date: 07-NOV-12 Finding: 0.75
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 24-OCT-12 Finding: 20.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 02-OCT-12 Finding: 0.72
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-OCT-12 Finding: 140.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-SEP-12 Finding: 140.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-SEP-12 Finding: 0.72
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 08-AUG-12 Finding: 0.82
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 08-AUG-12 Finding: 0.79
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date: 08-AUG-12 Finding: 480.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 08-AUG-12 Finding: 21.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 08-AUG-12 Finding: 160.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-12 Finding: 150.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-12 Finding: 0.74
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-JUL-12 Finding: 0.64
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-JUL-12 Finding: 160.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-JUN-12 Finding: 160.
Chemical: TETRACHLOROETHYLENE Report units: UG/L

Dlr: 0.5

Sample date:	10-MAY-12	Finding:	7.62
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	10-MAY-12	Finding:	7.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	10-MAY-12	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-12	Finding:	1.6e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-MAY-12	Finding:	0.459
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-MAY-12	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAY-12	Finding:	0.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-12	Finding:	170.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-APR-12	Finding:	190.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAR-12	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-12	Finding:	0.62
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-12	Finding:	160.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-FEB-12	Finding:	0.55
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-FEB-12	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JAN-12	Finding:	0.59
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	04-JAN-12	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

H65
SSW
1/2 - 1 Mile
Lower

CA WELLS 1426

Seq:	1426	Prim sta c:	01S/11W-30B04 S
Frds no:	1910039011	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL 08D	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1180400.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

Sample date:	28-FEB-18	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	14-FEB-18	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	07-FEB-18	Finding:	0.65
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-FEB-18	Finding:	0.63
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JAN-18	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	24-JAN-18	Finding:	1.5

Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 17-JAN-18 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 10-JAN-18 Finding: 1.3
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 04-JAN-18 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 03-JAN-18 Finding: 0.83
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-JAN-18 Finding: 180.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-JAN-18 Finding: 4.9
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 28-DEC-17 Finding: 1.3
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 20-DEC-17 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 13-DEC-17 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 06-DEC-17 Finding: 0.81
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-DEC-17 Finding: 110.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-DEC-17 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 29-NOV-17 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 22-NOV-17 Finding: 1.3
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 08-NOV-17 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 07-NOV-17 Finding: 0.64
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-NOV-17 Finding: 4.1
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 07-NOV-17 Finding: 150.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-NOV-17 Finding: 120.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-NOV-17 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 01-NOV-17 Finding: 0.87
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 25-OCT-17 Finding: 1.3
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 18-OCT-17 Finding: 4.2
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 04-OCT-17 Finding: 110.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-OCT-17 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 04-OCT-17 Finding: 0.8
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 20-SEP-17 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 13-SEP-17 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 06-SEP-17 Finding: 0.7
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-SEP-17 Finding: 120.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-SEP-17 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L

Dlr: 1.

Sample date: 30-AUG-17 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 23-AUG-17 Finding: 170.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 23-AUG-17 Finding: 0.83
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 23-AUG-17 Finding: 4.3
Chemical: MOLYDBENDUM Report units: UG/L
Dlr: 0.

Sample date: 23-AUG-17 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 23-AUG-17 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 17-AUG-17 Finding: 460.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 17-AUG-17 Finding: 160.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 17-AUG-17 Finding: 4.6
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 17-AUG-17 Finding: 0.88
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 09-AUG-17 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 02-AUG-17 Finding: 0.74
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-AUG-17 Finding: 150.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-AUG-17 Finding: 4.4
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 02-AUG-17 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date:	26-JUL-17	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JUL-17	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	05-JUL-17	Finding:	0.69
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	21-JUN-17	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	14-JUN-17	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	07-JUN-17	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	31-MAY-17	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	24-MAY-17	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	17-MAY-17	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	11-MAY-17	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	11-MAY-17	Finding:	1.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-17	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date: 11-MAY-17 Finding: 2.9
Chemical: CHROMIUM, HEXAVALENT Report units: UG/L
Dlr: 1.

Sample date: 11-MAY-17 Finding: 4.5
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 10-MAY-17 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 03-MAY-17 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 03-MAY-17 Finding: 0.82
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-MAY-17 Finding: 120.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-MAY-17 Finding: 4.4
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 26-APR-17 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 19-APR-17 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 12-APR-17 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 05-APR-17 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 05-APR-17 Finding: 0.88
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-APR-17 Finding: 130.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 29-MAR-17 Finding: 1.5
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 22-MAR-17 Finding: 1.5
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date:	15-MAR-17	Finding:	1.7
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAR-17	Finding:	1.6
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-17	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	22-FEB-17	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	15-FEB-17	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	09-FEB-17	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-FEB-17	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-FEB-17	Finding:	0.68
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	01-FEB-17	Finding:	0.62
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-FEB-17	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-FEB-17	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	18-JAN-17	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	18-JAN-17	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-JAN-17	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	04-JAN-17	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L

Dlr: 1.

Sample date:	04-JAN-17	Finding:	0.67
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JAN-17	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-DEC-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	21-DEC-16	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	14-DEC-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	07-DEC-16	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	07-DEC-16	Finding:	0.83
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-DEC-16	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-NOV-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	16-NOV-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	10-NOV-16	Finding:	87.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-16	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-NOV-16	Finding:	0.71
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	02-NOV-16	Finding:	0.67
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	02-NOV-16	Finding:	96.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	12-OCT-16	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-16	Finding:	96.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-OCT-16	Finding:	0.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-OCT-16	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	28-SEP-16	Finding:	1.6
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	14-SEP-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	07-SEP-16	Finding:	0.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-16	Finding:	60.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	4.7
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	31-AUG-16	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	0.72
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-16	Finding:	0.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-16	Finding:	98.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-16	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr: 0.4

Sample date:	10-AUG-16	Finding:	0.897
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	0.355
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	18.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	660.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	7.58
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-AUG-16	Finding:	290.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	77.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	24.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	1.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	25.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	10-AUG-16	Finding:	79.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-AUG-16	Finding:	0.56
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-AUG-16	Finding:	410.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	91.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-AUG-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	03-AUG-16	Finding:	0.65
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUL-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	20-JUL-16	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JUL-16	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUL-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JUL-16	Finding:	0.76
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	100.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUN-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	01-JUN-16	Finding:	0.59
Chemical:	CHLOROMETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	0.72
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date: 01-JUN-16 | Finding: 1.2
Chemical: 1,4-DIOXANE | Report units: UG/L
Dlr: 1.

Sample date: 01-JUN-16 | Finding: 84.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 25-MAY-16 | Finding: 1.3
Chemical: 1,4-DIOXANE | Report units: UG/L
Dlr: 1.

Sample date: 18-MAY-16 | Finding: 1.2
Chemical: 1,4-DIOXANE | Report units: UG/L
Dlr: 1.

Sample date: 11-MAY-16 | Finding: 1.3
Chemical: 1,4-DIOXANE | Report units: UG/L
Dlr: 1.

Sample date: 06-MAY-16 | Finding: 0.69
Chemical: TRICHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 06-MAY-16 | Finding: 90.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 06-MAY-16 | Finding: 5.
Chemical: NITRATE (AS N) | Report units: MG/L
Dlr: 0.4

Sample date: 04-MAY-16 | Finding: 84.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 04-MAY-16 | Finding: 0.66
Chemical: TRICHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 04-MAY-16 | Finding: 1.3
Chemical: 1,4-DIOXANE | Report units: UG/L
Dlr: 1.

Sample date: 28-APR-16 | Finding: 5.2
Chemical: NITRATE (AS N) | Report units: MG/L
Dlr: 0.4

Sample date: 27-APR-16 | Finding: 1.1
Chemical: 1,4-DIOXANE | Report units: UG/L
Dlr: 1.

Sample date: 20-APR-16 | Finding: 1.1
Chemical: 1,4-DIOXANE | Report units: UG/L
Dlr: 1.

Sample date: 13-APR-16 | Finding: 1.3
Chemical: 1,4-DIOXANE | Report units: UG/L
Dlr: 1.

Sample date:	06-APR-16	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-APR-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	06-APR-16	Finding:	0.64
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAR-16	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	23-MAR-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	16-MAR-16	Finding:	1.6
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	09-MAR-16	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	02-MAR-16	Finding:	0.85
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-16	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-16	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	24-FEB-16	Finding:	1.5
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	17-FEB-16	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	11-FEB-16	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-FEB-16	Finding:	0.55
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-16	Finding:	72.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-16	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L

Dlr: 1.

Sample date:	03-FEB-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	03-FEB-16	Finding:	0.79
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-16	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JAN-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JAN-16	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JAN-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JAN-16	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JAN-16	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JAN-16	Finding:	0.85
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JAN-16	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-15	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	16-DEC-15	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	09-DEC-15	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	02-DEC-15	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	02-DEC-15	Finding:	0.92
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date: 02-DEC-15 Finding: 110.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 13-NOV-15 Finding: 93.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 13-NOV-15 Finding: 1.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 13-NOV-15 Finding: 5.6
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 10-NOV-15 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 04-NOV-15 Finding: 0.87
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-NOV-15 Finding: 93.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 28-OCT-15 Finding: 20.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 28-OCT-15 Finding: 4.4
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 07-OCT-15 Finding: 100.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-OCT-15 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 07-OCT-15 Finding: 0.89
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 23-SEP-15 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 16-SEP-15 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 02-SEP-15 Finding: 0.81
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-SEP-15 Finding: 94.
Chemical: TETRACHLOROETHYLENE Report units: UG/L

Dlr: 0.5

Sample date: 27-AUG-15 Finding: 98.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 27-AUG-15 Finding: 0.82
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 27-AUG-15 Finding: 4.5
Chemical: MOLYDBENDUM Report units: UG/L
Dlr: 0.

Sample date: 26-AUG-15 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 11-AUG-15 Finding: 83.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 11-AUG-15 Finding: 400.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 11-AUG-15 Finding: 20.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 11-AUG-15 Finding: 0.76
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-AUG-15 Finding: 96.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-AUG-15 Finding: 0.82
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 16-JUL-15 Finding: 21.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 02-JUL-15 Finding: 0.75
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-JUL-15 Finding: 80.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-JUN-15 Finding: 83.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-JUN-15 Finding: 0.96
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date:	11-MAY-15	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAY-15	Finding:	1.e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	74.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	0.391
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	7.6
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	11-MAY-15	Finding:	0.363
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	11-MAY-15	Finding:	0.127
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	8.2e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	11-MAY-15	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	0.704
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	0.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-15	Finding:	98.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-15	Finding:	0.83
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-15	Finding:	0.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-15	Finding:	80.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-15	Finding:	0.84
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date:	04-MAR-15	Finding:	84.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-15	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	11-FEB-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-FEB-15	Finding:	1.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-15	Finding:	74.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-15	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	04-FEB-15	Finding:	0.95
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-15	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-15	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	29-JAN-15	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	21-JAN-15	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	14-JAN-15	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	07-JAN-15	Finding:	0.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JAN-15	Finding:	91.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JAN-15	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		

Sample date: 31-DEC-14 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 26-DEC-14 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 17-DEC-14 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 10-DEC-14 Finding: 1.3
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 01-DEC-14 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 01-DEC-14 Finding: 0.86
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-DEC-14 Finding: 87.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 25-NOV-14 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 19-NOV-14 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 13-NOV-14 Finding: 21.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 13-NOV-14 Finding: 66.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 13-NOV-14 Finding: 0.78
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 12-NOV-14 Finding: 1.3
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 04-NOV-14 Finding: 1.4
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 04-NOV-14 Finding: 0.85
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-NOV-14 Finding: 77.
Chemical: TETRACHLOROETHYLENE Report units: UG/L

Dlr: 0.5

Sample date: 29-OCT-14 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 22-OCT-14 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 22-OCT-14 Finding: 23.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 22-OCT-14 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 15-OCT-14 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 08-OCT-14 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 01-OCT-14 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 01-OCT-14 Finding: 120.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-OCT-14 Finding: 0.75
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 23-SEP-14 Finding: 0.83
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 23-SEP-14 Finding: 77.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-SEP-14 Finding: 0.96
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-SEP-14 Finding: 78.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 29-AUG-14 Finding: 0.7
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 29-AUG-14 Finding: 69.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date:	29-AUG-14	Finding:	4.7
Chemical:	MOLYBDENUM	Report units:	UG/L
Dlr:	0.		
Sample date:	13-AUG-14	Finding:	400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-AUG-14	Finding:	0.87
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-14	Finding:	84.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JUL-14	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-14	Finding:	0.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	73.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-14	Finding:	0.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-14	Finding:	72.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-14	Finding:	0.64
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-14	Finding:	90.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	0.62
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	85.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	0.59
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	06-MAY-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-APR-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	03-APR-14	Finding:	86.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-14	Finding:	0.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAR-14	Finding:	0.67
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAR-14	Finding:	85.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-FEB-14	Finding:	0.87
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-14	Finding:	100.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-14	Finding:	0.83
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-14	Finding:	80.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JAN-14	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JAN-14	Finding:	0.76
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JAN-14	Finding:	92.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-DEC-13	Finding:	94.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-DEC-13	Finding:	0.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-13	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date: 06-NOV-13 Finding: 0.6
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-NOV-13 Finding: 66.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-NOV-13 Finding: 0.82
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-NOV-13 Finding: 86.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 29-OCT-13 Finding: 21.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 02-OCT-13 Finding: 75.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-OCT-13 Finding: 0.71
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 25-SEP-13 Finding: 2.3
Chemical: CHROMIUM, HEXAVALENT Report units: UG/L
Dlr: 1.

Sample date: 04-SEP-13 Finding: 0.72
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-SEP-13 Finding: 80.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 21-AUG-13 Finding: 0.66
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 21-AUG-13 Finding: 80.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 14-AUG-13 Finding: 630.
Chemical: SPECIFIC CONDUCTANCE Report units: US
Dlr: 0.

Sample date: 14-AUG-13 Finding: 12.4
Chemical: AGGRSSIVE INDEX (CORROSIVITY) Report units: Not Reported
Dlr: 0.

Sample date: 14-AUG-13 Finding: 20.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 14-AUG-13 Finding: 0.582
Chemical: LANGELIER INDEX AT SOURCE TEMP. Report units: Not Reported

Dlr: 0.

Sample date: 14-AUG-13 Finding: 1.11
Chemical: LANGELIER INDEX @ 60 C Report units: Not Reported
Dlr: 0.

Sample date: 14-AUG-13 Finding: 400.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 0.7
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date: 14-AUG-13 Finding: 77.
Chemical: SULFATE Report units: MG/L
Dlr: 0.5

Sample date: 14-AUG-13 Finding: 24.
Chemical: CHLORIDE Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 1.5
Chemical: POTASSIUM Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 23.
Chemical: SODIUM Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 23.
Chemical: MAGNESIUM Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 75.
Chemical: CALCIUM Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 280.
Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 260.
Chemical: BICARBONATE ALKALINITY Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 210.
Chemical: ALKALINITY (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 7.84
Chemical: PH, LABORATORY Report units: Not Reported
Dlr: 0.

Sample date: 14-AUG-13 Finding: 19.4
Chemical: SOURCE TEMPERATURE C Report units: C
Dlr: 0.

Sample date: 06-AUG-13 Finding: 0.68
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-AUG-13 Finding: 68.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-13 Finding: 0.8
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-13 Finding: 93.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-13 Finding: 5.
Chemical: MOLYDBENDUM Report units: UG/L
Dlr: 0.

Sample date: 24-JUL-13 Finding: 22.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 05-JUL-13 Finding: 66.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-JUL-13 Finding: 0.62
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-JUN-13 Finding: 79.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-JUN-13 Finding: 0.69
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 17-MAY-13 Finding: 20.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 17-MAY-13 Finding: 74.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 17-MAY-13 Finding: 0.61
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-MAY-13 Finding: 93.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-MAY-13 Finding: 0.79
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-APR-13 Finding: 0.75
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-APR-13 Finding: 88.
Chemical: TETRACHLOROETHYLENE Report units: UG/L

Dlr: 0.5

Sample date: 05-MAR-13 Finding: 0.62
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-MAR-13 Finding: 100.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 26-FEB-13 Finding: 94.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 26-FEB-13 Finding: 22.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 26-FEB-13 Finding: 0.77
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-FEB-13 Finding: 0.71
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-FEB-13 Finding: 80.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 17-JAN-13 Finding: 22.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 17-JAN-13 Finding: 1.2
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date: 02-JAN-13 Finding: 94.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-JAN-13 Finding: 0.81
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 19-DEC-12 Finding: 4.4
Chemical: MOLYDBENDUM Report units: UG/L
Dlr: 0.

Sample date: 19-DEC-12 Finding: 89.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 19-DEC-12 Finding: 0.65
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 19-DEC-12 Finding: 1.1
Chemical: 1,4-DIOXANE Report units: UG/L
Dlr: 1.

Sample date:	05-DEC-12	Finding:	73.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-DEC-12	Finding:	0.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-12	Finding:	0.78
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-NOV-12	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-NOV-12	Finding:	88.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-NOV-12	Finding:	0.64
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-OCT-12	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-OCT-12	Finding:	0.55
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-12	Finding:	64.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-12	Finding:	67.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-12	Finding:	0.53
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-AUG-12	Finding:	450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-AUG-12	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-AUG-12	Finding:	0.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-AUG-12	Finding:	64.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date: 01-AUG-12 Finding: 78.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-12 Finding: 0.54
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 20-JUL-12 Finding: 21.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 03-JUL-12 Finding: 68.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-JUN-12 Finding: 0.55
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-JUN-12 Finding: 79.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 10-MAY-12 Finding: 1.6e-002
Chemical: GROSS ALPHA MDA95 Report units: PCI/L
Dlr: 0.

Sample date: 10-MAY-12 Finding: 22.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 10-MAY-12 Finding: 0.57
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 10-MAY-12 Finding: 76.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 10-MAY-12 Finding: 0.498
Chemical: GROSS ALPHA COUNTING ERROR Report units: PCI/L
Dlr: 0.

Sample date: 10-MAY-12 Finding: 6.6
Chemical: URANIUM (PCI/L) Report units: PCI/L
Dlr: 1.

Sample date: 10-MAY-12 Finding: 8.69
Chemical: GROSS ALPHA Report units: PCI/L
Dlr: 3.

Sample date: 03-MAY-12 Finding: 23.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 02-MAY-12 Finding: 0.71
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date:	02-MAY-12	Finding:	85.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-APR-12	Finding:	94.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-APR-12	Finding:	0.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAR-12	Finding:	71.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-12	Finding:	65.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-12	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-FEB-12	Finding:	70.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JAN-12	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JAN-12	Finding:	0.52
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JAN-12	Finding:	67.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

H66
SSW
1/2 - 1 Mile
Lower

CA WELLS 1425

Seq:	1425	Prim sta c:	01S/11W-30B03 S
Frds no:	1910039010	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL 08C LACFCD 2933F	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1180400.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported

Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		
Sample date:	07-FEB-18	Finding:	0.76
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	51.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-18	Finding:	92.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-18	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JAN-18	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	49.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-NOV-17	Finding:	68.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-NOV-17	Finding:	79.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-NOV-17	Finding:	0.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-OCT-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-OCT-17	Finding:	0.69
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-17	Finding:	89.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-17	Finding:	60.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	0.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	23-AUG-17	Finding:	4.7
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	23-AUG-17	Finding:	71.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-AUG-17	Finding:	440.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-AUG-17	Finding:	0.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-17	Finding:	140.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-AUG-17	Finding:	74.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	62.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	60.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-17	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-17	Finding:	85.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAY-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAY-17	Finding:	61.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-17	Finding:	82.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-17	Finding:	0.52
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	01-MAR-17	Finding:	76.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-FEB-17	Finding:	64.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-FEB-17	Finding:	53.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-JAN-17	Finding:	61.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-DEC-16	Finding:	60.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-16	Finding:	51.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-16	Finding:	54.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-OCT-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-16	Finding:	59.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-16	Finding:	48.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	61.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	4.8
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	18-AUG-16	Finding:	57.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	10-AUG-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	10-AUG-16	Finding:	7.51
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-AUG-16	Finding:	260.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	69.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	21.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	26.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	1.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	18.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	59.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-AUG-16	Finding:	0.54
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-AUG-16	Finding:	300.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	0.705
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	0.159
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported

Dlr: 0.

Sample date:	10-AUG-16	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	18.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	58.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	68.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	60.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-16	Finding:	60.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAY-16	Finding:	64.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-APR-16	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-APR-16	Finding:	77.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-16	Finding:	88.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-16	Finding:	0.163
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-FEB-16	Finding:	48.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-16	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	11-FEB-16	Finding:	0.47
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-FEB-16	Finding:	0.419
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-16	Finding:	92.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JAN-16	Finding:	3.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JAN-16	Finding:	100.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JAN-16	Finding:	0.61
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-DEC-15	Finding:	89.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-DEC-15	Finding:	0.59
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-NOV-15	Finding:	57.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-NOV-15	Finding:	0.52
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-15	Finding:	67.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-OCT-15	Finding:	0.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-OCT-15	Finding:	92.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-SEP-15	Finding:	68.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-AUG-15	Finding:	64.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date:	27-AUG-15	Finding:	4.8
Chemical:	MOLYBDENUM	Report units:	UG/L
Dlr:	0.		
Sample date:	11-AUG-15	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	11-AUG-15	Finding:	59.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-AUG-15	Finding:	3.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-AUG-15	Finding:	0.58
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-AUG-15	Finding:	88.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-15	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-15	Finding:	74.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUN-15	Finding:	96.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	0.66
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	97.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	9.5
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	06-MAY-15	Finding:	84.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-15	Finding:	86.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-15	Finding:	79.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	11-FEB-15	Finding:	70.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-15	Finding:	0.56
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-15	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JAN-15	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-DEC-14	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-NOV-14	Finding:	0.52
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-NOV-14	Finding:	92.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-14	Finding:	100.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-14	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	130.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-SEP-14	Finding:	72.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-SEP-14	Finding:	66.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-14	Finding:	59.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-14	Finding:	0.52
Chemical:	TOLUENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-14	Finding:	5.
Chemical:	MOLYBDENUM	Report units:	UG/L

Dlr:	0.		
Sample date:	13-AUG-14	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-AUG-14	Finding:	0.54
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-14	Finding:	80.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	66.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-14	Finding:	69.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-14	Finding:	76.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	74.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-14	Finding:	90.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAR-14	Finding:	0.52
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAR-14	Finding:	120.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-14	Finding:	90.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-14	Finding:	94.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-14	Finding:	99.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-14	Finding:	0.55
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-DEC-13	Finding:	90.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	06-NOV-13	Finding:	64.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-13	Finding:	74.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	67.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-SEP-13	Finding:	2.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-SEP-13	Finding:	75.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-AUG-13	Finding:	1.6e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-AUG-13	Finding:	82.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-AUG-13	Finding:	0.41
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-AUG-13	Finding:	6.38
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	14-AUG-13	Finding:	0.407
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	18.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	7.87
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr: 0.

Sample date: 14-AUG-13 Finding: 200.
Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 55.
Chemical: CALCIUM Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 16.
Chemical: MAGNESIUM Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 22.
Chemical: SODIUM Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 1.3
Chemical: POTASSIUM Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 17.
Chemical: CHLORIDE Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 54.
Chemical: SULFATE Report units: MG/L
Dlr: 0.5

Sample date: 14-AUG-13 Finding: 0.65
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date: 14-AUG-13 Finding: 290.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 14-AUG-13 Finding: 0.943
Chemical: LANGELIER INDEX @ 60 C Report units: Not Reported
Dlr: 0.

Sample date: 06-AUG-13 Finding: 72.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-13 Finding: 110.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-13 Finding: 0.64
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-13 Finding: 6.3
Chemical: MOLYDBENDUM Report units: UG/L
Dlr: 0.

Sample date: 05-JUL-13 Finding: 71.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date:	05-JUN-13	Finding:	96.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-13	Finding:	100.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-13	Finding:	76.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-13	Finding:	76.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAR-13	Finding:	70.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-FEB-13	Finding:	76.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-FEB-13	Finding:	60.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JAN-13	Finding:	70.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	4.3
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	70.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-DEC-12	Finding:	0.56
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-DEC-12	Finding:	110.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-12	Finding:	0.79
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-12	Finding:	150.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-NOV-12	Finding:	76.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-OCT-12	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L

Dlr: 0.

Sample date: 02-OCT-12 Finding: 63.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-SEP-12 Finding: 60.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 08-AUG-12 Finding: 52.
Chemical: ALUMINUM Report units: UG/L
Dlr: 50.

Sample date: 08-AUG-12 Finding: 9.9
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 08-AUG-12 Finding: 460.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 08-AUG-12 Finding: 0.56
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 08-AUG-12 Finding: 110.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 08-AUG-12 Finding: 0.73
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date: 01-AUG-12 Finding: 63.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 20-JUL-12 Finding: 9.9
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 03-JUL-12 Finding: 110.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-JUL-12 Finding: 0.56
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-JUN-12 Finding: 82.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 10-MAY-12 Finding: 74.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 02-MAY-12 Finding: 74.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-APR-12 Finding: 80.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-MAR-12 Finding: 81.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-FEB-12 Finding: 75.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-FEB-12 Finding: 58.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 20-JAN-12 Finding: 9.5
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 04-JAN-12 Finding: 63.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

J67
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000080703

Well ID: SL603792672-LW-11 Well Type: MONITORING
Source: EDF Other Name: LW-11
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-11

J68
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000095726

Well ID: SL603792672-LW-14 Well Type: MONITORING
Source: EDF Other Name: LW-14
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-14&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-14

J69
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000095729

Well ID: SL603792672-LW-13 Well Type: MONITORING
Source: EDF Other Name: LW-13

GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-13&store_num=
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-13

I70
NNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000020555

Well ID:	JAB-HP-3	Well Type:	DOMESTIC
Source:	Local Groundwater Projects		
Other Name:	JAB-HP-3	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=LOCALGW&samp_date=&global_id=&assigned_name=JAB-HP-3&store_num=		
GeoTracker Data:	Not Reported		

J71
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000060969

Well ID:	SL603792672-LW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	LW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-15		

L72
West
1/2 - 1 Mile
Lower

CA WELLS CADWR0000020445

Well ID:	01S11W30F003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W30F003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W30F003S&store_num=		
GeoTracker Data:	Not Reported		

L73
West
1/2 - 1 Mile
Lower

CA WELLS CADWR0000014544

Well ID:	01S11W30F001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W30F001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W30F001S&store_num=		
GeoTracker Data:	Not Reported		

Map ID Direction Distance Elevation			Database	EDR ID Number

I74
North
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000022449**

Well ID:	JAB-HP-5	Well Type:	DOMESTIC
Source:	Local Groundwater Projects		
Other Name:	JAB-HP-5	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=LOCALGW&samp_date=&global_id=&assigned_name=JAB-HP-5&store_num=		
GeoTracker Data:	Not Reported		

J75
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000120472**

Well ID:	SL603792672-LW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	LW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-18		

K76
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000004546**

Well ID:	JAB-HP-2	Well Type:	DOMESTIC
Source:	Local Groundwater Projects		
Other Name:	JAB-HP-2	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=LOCALGW&samp_date=&global_id=&assigned_name=JAB-HP-2&store_num=		
GeoTracker Data:	Not Reported		

77
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140459**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W20L001S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	367
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

78
WNW
1/2 - 1 Mile
Higher
CA WELLS **CADWR0000006060**

Well ID:	01S11W30C003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W30C003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W30C003S&store_num=		
GeoTracker Data:	Not Reported		

M79
SSE
1/2 - 1 Mile
Lower
CA WELLS **CAEDF0000062335**

Well ID:	SL603792672-LW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	LW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-19		

M80
SSE
1/2 - 1 Mile
Lower
CA WELLS **CAEDF0000036590**

Well ID:	SL603792672-LW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	LW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-10		

J81
SSE
1/2 - 1 Mile
Lower
CA WELLS **CAEDF0000035694**

Well ID:	SL603792672-LW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	LW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-17		

Map ID Direction Distance Elevation	Database	EDR ID Number
J82 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000128634**

Well ID:	SL603792672-LW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	LW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603792672&assigned_name=LW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603792672&assigned_name=LW-16		

I83 **North** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000011812**

Well ID:	JAB-HP-6	Well Type:	DOMESTIC
Source:	Local Groundwater Projects		
Other Name:	JAB-HP-6	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=LOCALGW&samp_date=&global_id=&assigned_name=JAB-HP-6&store_num=		
GeoTracker Data:	Not Reported		

84 **North** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADPR0000004989**

Well ID:	77583	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	77583	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=77583&store_num=		
GeoTracker Data:	Not Reported		

N85 **West** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000140300**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W30F001S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	1502
Well Depth Units:	ft	Well Hole Depth:	1560
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N86
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000005580**

Well ID:	1910092-008	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 07 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910092-008&store_num=		
GeoTracker Data:	Not Reported		

O87
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000008631**

Well ID:	JAB-HP-1	Well Type:	DOMESTIC
Source:	Local Groundwater Projects		
Other Name:	JAB-HP-1	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=LOCALGW&samp_date=&global_id=&assigned_name=JAB-HP-1&store_num=		
GeoTracker Data:	Not Reported		

O88
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000015222**

Well ID:	JAB-HP-7	Well Type:	DOMESTIC
Source:	Local Groundwater Projects		
Other Name:	JAB-HP-7	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=LOCALGW&samp_date=&global_id=&assigned_name=JAB-HP-7&store_num=		
GeoTracker Data:	Not Reported		

89
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000005698**

Well ID:	01S11W19K002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W19K002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W19K002S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
90 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR0000021625**

Well ID:	01S11W20L001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W20L001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W20L001S&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
P91 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADDW0000003304**

Well ID:	1910092-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 09	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910092-010&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
P92 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAPFAS000000476**

Well ID:	1910092-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 09	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910092-010&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
P93 **West** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000140246**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W30F003S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	1600
Well Depth Units:	ft	Well Hole Depth:	1600
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation — Database — EDR ID Number

94
South
1/2 - 1 Mile
Lower — **CA WELLS** — **CADWR0000003580**

Well ID:	01S11W32D001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W32D001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W32D001S&store_num=		
GeoTracker Data:	Not Reported		

95
East
1/2 - 1 Mile
Higher — **CA WELLS** — **CADWR0000007296**

Well ID:	01S11W29H002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W29H002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W29H002S&store_num=		
GeoTracker Data:	Not Reported		

Q96
WSW
1/2 - 1 Mile
Lower — **CA WELLS** — **CADDW0000005843**

Well ID:	1910092-013	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 12	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910092-013&store_num=		
GeoTracker Data:	Not Reported		

Q97
WSW
1/2 - 1 Mile
Lower — **CA WELLS** — **CAPFAS000000067**

Well ID:	1910092-013	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 12	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910092-013&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

98
SW
1/2 - 1 Mile
Lower | **CA WELLS** | **CADWR0000024005**

Well ID:	01S11W30P002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W30P002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W30P002S&store_num=		
GeoTracker Data:	Not Reported		

Q99
WSW
1/2 - 1 Mile
Lower | **FED USGS** | **USGS40000140219**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W30M002S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	817
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

100
West
1/2 - 1 Mile
Higher | **CA WELLS** | **CADWR0000003134**

Well ID:	01S11W30D002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W30D002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W30D002S&store_num=		
GeoTracker Data:	Not Reported		

R101
North
1/2 - 1 Mile
Higher | **CA WELLS** | **CADDW0000013229**

Well ID:	1900009-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900009-001&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
R102 **North** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**1385**

Seq:	1385	Prim sta c:	01S/11W-18H02 S
Frds no:	1900009001	County:	19
District:	49	User id:	19C
System no:	1900009	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	340417.0	Longitude:	1180355.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1900009	System nam:	Adams Ranch Mutual
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

	Database	EDR ID Number
103 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR0000033609**

Well ID:	01S11W32C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W32C001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W32C001S&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
S104 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**1379**

Seq:	1379	Prim sta c:	01S/11W-16M04 S
Frds no:	1910212008	County:	19
District:	15	User id:	MET
System no:	1910212	Water type:	G
Source nam:	GIDLEY WELL 02 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340400.0	Longitude:	1180300.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910212	System nam:	Scwc-South Arcadia
Hqname:	SOUTHERN CALIF WATER CO	Address:	P.O. BOX 9016
City:	SAN DIMAS	State:	CA
Zip:	91773	Zip ext:	Not Reported

Pop serv:	23034	Connection:	6980
Area serve:	Not Reported		

S105
NE
1/2 - 1 Mile
Higher

CA WELLS 1378

Seq:	1378	Prim sta c:	01S/11W-16M03 S
Frds no:	1910212007	County:	19
District:	15	User id:	MET
System no:	1910212	Water type:	G
Source nam:	GIDLEY WELL 01 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340400.0	Longitude:	1180300.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910212	System nam:	Scwc-South Arcadia
Hqname:	SOUTHERN CALIF WATER CO	Address:	P.O. BOX 9016
City:	SAN DIMAS	State:	CA
Zip:	91773	Zip ext:	Not Reported
Pop serv:	23034	Connection:	6980
Area serve:	Not Reported		

S106
NE
1/2 - 1 Mile
Higher

CA WELLS 1393

Seq:	1393	Prim sta c:	01S/11W-20B02 S
Frds no:	1910139015	County:	19
District:	07	User id:	4TH
System no:	1910139	Water type:	G
Source nam:	BLUE RIBBON WELL 01 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340400.0	Longitude:	1180300.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910139	System nam:	Cal. American Water Co.-San Marino
Hqname:	CALIFORNIA-AMERICAN WATER CO	Address:	2020 HUNTINGTON DRIVE
City:	SAN MARINO	State:	CA
Zip:	91108	Zip ext:	Not Reported
Pop serv:	49353	Connection:	13902
Area serve:	SAN MARINO		

S107
NE
1/2 - 1 Mile
Higher

CA WELLS 1397

Seq:	1397	Prim sta c:	01S/11W-21F02 S
Frds no:	1910038008	County:	19
District:	07	User id:	4TH

System no:	1910038	Water type:	G
Source nam:	WELL 12	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340400.0	Longitude:	1180300.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910038	System nam:	El Monte-City, Water Dept.
Hqname:	Not Reported	Address:	P.O. BOX 6008
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	13300	Connection:	3344
Area serve:	EL MONTE		

Sample date:	06-MAR-18	Finding:	6.59
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-MAR-18	Finding:	412.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-18	Finding:	0.418
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	06-MAR-18	Finding:	60.8
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-MAR-18	Finding:	26.6
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-18	Finding:	2.44
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-18	Finding:	21.6
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-18	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-18	Finding:	46.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-18	Finding:	773.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-MAR-18	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-18	Finding:	300.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr: 0.

Sample date: 06-MAR-18 Finding: 7.95
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 06-MAR-18 Finding: 348.
Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 06-MAR-18 Finding: 96.4
Chemical: CALCIUM Report units: MG/L
Dlr: 0.

Sample date: 06-MAR-18 Finding: 26.2
Chemical: MAGNESIUM Report units: MG/L
Dlr: 0.

Sample date: 06-FEB-18 Finding: 15.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-FEB-18 Finding: 49.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 25-JAN-18 Finding: 56.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 25-JAN-18 Finding: 0.64
Chemical: CIS-1,2-DICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 25-JAN-18 Finding: 23.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 25-JAN-18 Finding: 8.4
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 25-JAN-18 Finding: 0.51
Chemical: CARBON TETRACHLORIDE Report units: UG/L
Dlr: 0.5

Sample date: 03-JAN-18 Finding: 19.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-JAN-18 Finding: 48.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-DEC-17 Finding: 8.33
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 06-DEC-17 Finding: 0.474
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date:	06-DEC-17	Finding:	67.8
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	30.2
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	2.03
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	23.5
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	27.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	107.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	0.51
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	24.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	56.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	8.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-DEC-17	Finding:	0.69
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	29.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	65.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	0.85
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	424.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	7.16
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr: 0.

Sample date:	06-DEC-17	Finding:	858.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	7.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	06-DEC-17	Finding:	8.44
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-DEC-17	Finding:	379.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-NOV-17	Finding:	20.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-NOV-17	Finding:	56.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-OCT-17	Finding:	25.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-OCT-17	Finding:	58.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-17	Finding:	54.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-17	Finding:	24.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-17	Finding:	0.54
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-SEP-17	Finding:	60.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-SEP-17	Finding:	27.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	12-SEP-17	Finding:	0.55
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-SEP-17	Finding:	320.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	12.5
Chemical:	CARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	8.68
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-SEP-17	Finding:	368.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	106.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	25.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	24.3
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	2.58
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	31.1
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	69.6
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-SEP-17	Finding:	0.32
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-SEP-17	Finding:	242.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	0.17
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	05-SEP-17	Finding:	22.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date: 05-SEP-17 Finding: 51.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-SEP-17 Finding: 7.77
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 05-SEP-17 Finding: 894.
Chemical: SPECIFIC CONDUCTANCE Report units: US
Dlr: 0.

Sample date: 05-SEP-17 Finding: 7.27
Chemical: PH, LABORATORY Report units: Not Reported
Dlr: 0.

Sample date: 05-SEP-17 Finding: 260.
Chemical: ALKALINITY (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 03-AUG-17 Finding: 0.55
Chemical: CARBON TETRACHLORIDE Report units: UG/L
Dlr: 0.5

Sample date: 03-AUG-17 Finding: 8.1
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 03-AUG-17 Finding: 27.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-AUG-17 Finding: 67.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-AUG-17 Finding: 0.58
Chemical: CIS-1,2-DICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-AUG-17 Finding: 300.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 01-AUG-17 Finding: 14.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-AUG-17 Finding: 53.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-JUL-17 Finding: 15.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-JUL-17 Finding: 47.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-JUN-17 Finding: 15.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-JUN-17 Finding: 46.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-JUN-17 Finding: 0.2
Chemical: TURBIDITY, LABORATORY Report units: NTU
Dlr: 0.1

Sample date: 06-JUN-17 Finding: 7.66
Chemical: PH, LABORATORY Report units: Not Reported
Dlr: 0.

Sample date: 03-MAY-17 Finding: 21.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-MAY-17 Finding: 53.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 27-APR-17 Finding: 0.81
Chemical: CIS-1,2-DICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 27-APR-17 Finding: 58.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 27-APR-17 Finding: 29.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 27-APR-17 Finding: 0.64
Chemical: CARBON TETRACHLORIDE Report units: UG/L
Dlr: 0.5

Sample date: 27-APR-17 Finding: 7.9
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 04-APR-17 Finding: 55.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-APR-17 Finding: 14.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 09-MAR-17 Finding: 49.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 09-MAR-17 Finding: 0.83
Chemical: CIS-1,2-DICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 09-MAR-17 Finding: 8.4
Chemical: NITRATE (AS N) Report units: MG/L

Dlr: 0.4

Sample date: 09-MAR-17 | Finding: 7.01
Chemical: GROSS ALPHA | Report units: PCI/L
Dlr: 3.

Sample date: 09-MAR-17 | Finding: 0.342
Chemical: GROSS ALPHA COUNTING ERROR | Report units: PCI/L
Dlr: 0.

Sample date: 09-MAR-17 | Finding: 7.8
Chemical: URANIUM (PCI/L) | Report units: PCI/L
Dlr: 1.

Sample date: 09-MAR-17 | Finding: 0.52
Chemical: CARBON TETRACHLORIDE | Report units: UG/L
Dlr: 0.5

Sample date: 09-MAR-17 | Finding: 24.
Chemical: TETRACHLOROETHYLENE | Report units: UG/L
Dlr: 0.5

Sample date: 09-MAR-17 | Finding: 3.4e-002
Chemical: GROSS ALPHA MDA95 | Report units: PCI/L
Dlr: 0.

Sample date: 07-MAR-17 | Finding: 0.498
Chemical: FLUORIDE (F) (NATURAL-SOURCE) | Report units: MG/L
Dlr: 0.1

Sample date: 07-MAR-17 | Finding: 8.51
Chemical: NITRATE (AS N) | Report units: MG/L
Dlr: 0.4

Sample date: 07-MAR-17 | Finding: 290.
Chemical: BICARBONATE ALKALINITY | Report units: MG/L
Dlr: 0.

Sample date: 07-MAR-17 | Finding: 61.
Chemical: SULFATE | Report units: MG/L
Dlr: 0.5

Sample date: 07-MAR-17 | Finding: 29.8
Chemical: CHLORIDE | Report units: MG/L
Dlr: 0.

Sample date: 07-MAR-17 | Finding: 2.4
Chemical: POTASSIUM | Report units: MG/L
Dlr: 0.

Sample date: 07-MAR-17 | Finding: 24.2
Chemical: SODIUM | Report units: MG/L
Dlr: 0.

Sample date: 07-MAR-17 | Finding: 27.6
Chemical: MAGNESIUM | Report units: MG/L
Dlr: 0.

Sample date: 07-MAR-17 | Finding: 101.
Chemical: CALCIUM | Report units: MG/L
Dlr: 0.

Sample date: 07-MAR-17 Finding: 366.
Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 07-MAR-17 Finding: 456.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 07-MAR-17 Finding: 761.
Chemical: SPECIFIC CONDUCTANCE Report units: US
Dlr: 0.

Sample date: 07-MAR-17 Finding: 7.48
Chemical: PH, LABORATORY Report units: Not Reported
Dlr: 0.

Sample date: 07-MAR-17 Finding: 240.
Chemical: ALKALINITY (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 07-FEB-17 Finding: 55.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-FEB-17 Finding: 16.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-DEC-16 Finding: 63.6
Chemical: SULFATE Report units: MG/L
Dlr: 0.5

Sample date: 06-DEC-16 Finding: 0.489
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date: 06-DEC-16 Finding: 376.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 06-DEC-16 Finding: 0.11
Chemical: TURBIDITY, LABORATORY Report units: NTU
Dlr: 0.1

Sample date: 06-DEC-16 Finding: 15.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-DEC-16 Finding: 55.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-DEC-16 Finding: 8.59
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 06-DEC-16 Finding: 869.
Chemical: SPECIFIC CONDUCTANCE Report units: US
Dlr: 0.

Sample date: 06-DEC-16 Finding: 7.47
Chemical: PH, LABORATORY Report units: Not Reported

Dlr: 0.

Sample date: 06-DEC-16 Finding: 270.
Chemical: ALKALINITY (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 06-DEC-16 Finding: 320.
Chemical: BICARBONATE ALKALINITY Report units: MG/L
Dlr: 0.

Sample date: 06-DEC-16 Finding: 8.68
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 06-DEC-16 Finding: 373.
Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 06-DEC-16 Finding: 108.
Chemical: CALCIUM Report units: MG/L
Dlr: 0.

Sample date: 06-DEC-16 Finding: 24.9
Chemical: MAGNESIUM Report units: MG/L
Dlr: 0.

Sample date: 06-DEC-16 Finding: 22.8
Chemical: SODIUM Report units: MG/L
Dlr: 0.

Sample date: 06-DEC-16 Finding: 1.623
Chemical: POTASSIUM Report units: MG/L
Dlr: 0.

Sample date: 06-DEC-16 Finding: 27.9
Chemical: CHLORIDE Report units: MG/L
Dlr: 0.

Sample date: 01-NOV-16 Finding: 53.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-NOV-16 Finding: 18.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 12-OCT-16 Finding: 7.6
Chemical: NITRATE (AS N) Report units: MG/L
Dlr: 0.4

Sample date: 12-OCT-16 Finding: 28.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 12-OCT-16 Finding: 45.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 12-OCT-16 Finding: 0.9
Chemical: CIS-1,2-DICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date:	12-OCT-16	Finding:	0.57
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	40.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-16	Finding:	1.468
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	7.44
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-SEP-16	Finding:	0.38
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	06-SEP-16	Finding:	488.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	46.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-16	Finding:	19.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-16	Finding:	0.447
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	06-SEP-16	Finding:	60.1
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-SEP-16	Finding:	743.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	7.17
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	310.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	7.44
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	06-SEP-16	Finding:	339.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	96.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	20.2
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-SEP-16	Finding:	29.5
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	02-AUG-16	Finding:	36.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-16	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUL-16	Finding:	0.69
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUL-16	Finding:	27.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUL-16	Finding:	0.77
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUL-16	Finding:	4.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-JUL-16	Finding:	0.39
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	07-JUL-16	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-JUL-16	Finding:	53.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-16	Finding:	47.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	05-JUL-16	Finding:	0.57
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-16	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-16	Finding:	9.15
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-JUN-16	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-16	Finding:	44.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-16	Finding:	744.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-JUN-16	Finding:	7.45
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JUN-16	Finding:	260.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-16	Finding:	317.2
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-16	Finding:	9.12
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-JUN-16	Finding:	343.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-16	Finding:	100.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-16	Finding:	22.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-16	Finding:	22.8
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-16	Finding:	1.964
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-16	Finding:	31.4
Chemical:	CHLORIDE	Report units:	MG/L

Dlr: 0.

Sample date: 07-JUN-16 Finding: 70.5
Chemical: SULFATE Report units: MG/L
Dlr: 0.5

Sample date: 07-JUN-16 Finding: 0.465
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date: 07-JUN-16 Finding: 344.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date: 05-FEB-14 Finding: 13.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-FEB-14 Finding: 29.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 28-JAN-14 Finding: 0.253
Chemical: RADIUM 228 MDA95 Report units: PCI/L
Dlr: 0.

Sample date: 28-JAN-14 Finding: 0.58
Chemical: RADIUM 228 COUNTING ERROR Report units: PCI/L
Dlr: 0.

Sample date: 28-JAN-14 Finding: 3.6e-002
Chemical: RADIUM 228 Report units: PCI/L
Dlr: 1.

Sample date: 28-JAN-14 Finding: 0.286
Chemical: RA-226 OR TOTAL RA BY 903.0 C.E. Report units: PCI/L
Dlr: 0.

Sample date: 28-JAN-14 Finding: 26.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 28-JAN-14 Finding: 0.418
Chemical: RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0
Report units: PCI/L Dlr: 0.

Sample date: 28-JAN-14 Finding: 15.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 28-JAN-14 Finding: 31.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-JAN-14 Finding: 11.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-JAN-14 Finding: 26.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date:	04-DEC-13	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	27.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-DEC-13	Finding:	426.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	0.446
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-DEC-13	Finding:	49.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-DEC-13	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-13	Finding:	32.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-13	Finding:	27.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-DEC-13	Finding:	16.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	659.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	7.66
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	305.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	306.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	83.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	23.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	21.
Chemical:	SODIUM	Report units:	MG/L

Dlr: 0.

Sample date:	04-DEC-13	Finding:	1.65
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-13	Finding:	21.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	28-OCT-13	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-OCT-13	Finding:	35.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-OCT-13	Finding:	16.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	28.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	7.64
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	658.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	7.78
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	305.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	314.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	88.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	22.9
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	04-SEP-13	Finding:	20.6
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	1.75
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	22.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	44.8
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	0.499
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-SEP-13	Finding:	352.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	24.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-13	Finding:	24.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-13	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	27.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	22.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-AUG-13	Finding:	31.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-13	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JUL-13	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-JUL-13	Finding:	3.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-JUL-13	Finding:	410.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	30-JUL-13	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JUL-13	Finding:	32.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-13	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-13	Finding:	27.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUN-13	Finding:	393.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	317.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	260.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	7.94
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	664.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	18.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	28.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-13	Finding:	30.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUN-13	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUN-13	Finding:	111.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	28.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	06-JUN-13	Finding:	27.1
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	24.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	49.2
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-JUN-13	Finding:	0.418
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	06-JUN-13	Finding:	352.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-13	Finding:	28.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-13	Finding:	2.37
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAY-13	Finding:	26.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAY-13	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-APR-13	Finding:	37.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-APR-13	Finding:	15.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-APR-13	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-13	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-13	Finding:	36.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAR-13	Finding:	50.4
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-MAR-13	Finding:	21.4
Chemical:	CHLORIDE	Report units:	MG/L

Dlr: 0.

Sample date: 05-MAR-13 Finding: 1.98
Chemical: POTASSIUM Report units: MG/L
Dlr: 0.

Sample date: 05-MAR-13 Finding: 23.
Chemical: SODIUM Report units: MG/L
Dlr: 0.

Sample date: 05-MAR-13 Finding: 24.1
Chemical: MAGNESIUM Report units: MG/L
Dlr: 0.

Sample date: 05-MAR-13 Finding: 90.7
Chemical: CALCIUM Report units: MG/L
Dlr: 0.

Sample date: 05-MAR-13 Finding: 326.
Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 05-MAR-13 Finding: 305.
Chemical: BICARBONATE ALKALINITY Report units: MG/L
Dlr: 0.

Sample date: 05-MAR-13 Finding: 250.
Chemical: ALKALINITY (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 05-MAR-13 Finding: 7.54
Chemical: PH, LABORATORY Report units: Not Reported
Dlr: 0.

Sample date: 05-MAR-13 Finding: 665.
Chemical: SPECIFIC CONDUCTANCE Report units: US
Dlr: 0.

Sample date: 05-MAR-13 Finding: 19.5
Chemical: SOURCE TEMPERATURE C Report units: C
Dlr: 0.

Sample date: 05-MAR-13 Finding: 32.2
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 05-MAR-13 Finding: 25.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-MAR-13 Finding: 11.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 05-MAR-13 Finding: 0.415
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date: 05-MAR-13 Finding: 386.
Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L
Dlr: 0.

Sample date:	05-MAR-13	Finding:	28.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	27.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-13	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JAN-13	Finding:	30.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-13	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JAN-13	Finding:	24.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JAN-13	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	7.67
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-DEC-12	Finding:	318.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	0.405
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-DEC-12	Finding:	45.8
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	21.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	1.71
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	9.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date: 04-DEC-12 Finding: 24.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 04-DEC-12 Finding: 26.6
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 04-DEC-12 Finding: 18.5
Chemical: SOURCE TEMPERATURE C Report units: C
Dlr: 0.

Sample date: 04-DEC-12 Finding: 671.
Chemical: SPECIFIC CONDUCTANCE Report units: US
Dlr: 0.

Sample date: 04-DEC-12 Finding: 250.
Chemical: ALKALINITY (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 04-DEC-12 Finding: 305.
Chemical: BICARBONATE ALKALINITY Report units: MG/L
Dlr: 0.

Sample date: 04-DEC-12 Finding: 325.
Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date: 04-DEC-12 Finding: 92.
Chemical: CALCIUM Report units: MG/L
Dlr: 0.

Sample date: 04-DEC-12 Finding: 23.
Chemical: MAGNESIUM Report units: MG/L
Dlr: 0.

Sample date: 04-DEC-12 Finding: 23.7
Chemical: SODIUM Report units: MG/L
Dlr: 0.

Sample date: 07-NOV-12 Finding: 26.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 07-NOV-12 Finding: 12.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 29-OCT-12 Finding: 31.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 29-OCT-12 Finding: 33.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 29-OCT-12 Finding: 13.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date:	18-OCT-12	Finding:	21.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-OCT-12	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-12	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	305.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	329.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	92.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	23.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	21.7
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	1.822
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	22.7
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	47.4
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-SEP-12	Finding:	0.51
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-SEP-12	Finding:	268.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	29.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-12	Finding:	0.11
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-SEP-12	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr: 0.5

Sample date:	04-SEP-12	Finding:	23.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-12	Finding:	31.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-12	Finding:	20.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	670.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	7.35
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-AUG-12	Finding:	24.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-12	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JUL-12	Finding:	15.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-12	Finding:	28.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-12	Finding:	430.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	23.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-12	Finding:	337.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	311.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	05-JUN-12	Finding:	255.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	7.67
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	678.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	19.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	34.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUN-12	Finding:	30.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-12	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-12	Finding:	95.2
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	24.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	2.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	27.5
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	60.7
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-JUN-12	Finding:	0.49
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-JUN-12	Finding:	344.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUN-12	Finding:	32.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUN-12	Finding:	23.4
Chemical:	SODIUM	Report units:	MG/L

Dlr: 0.

Sample date: 01-MAY-12 Finding: 9.9
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 01-MAY-12 Finding: 23.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 19-APR-12 Finding: 30.
Chemical: NITRATE (AS NO3) Report units: MG/L
Dlr: 2.

Sample date: 19-APR-12 Finding: 11.
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 19-APR-12 Finding: 25.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-APR-12 Finding: 22.
Chemical: TRICHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 03-APR-12 Finding: 9.7
Chemical: TETRACHLOROETHYLENE Report units: UG/L
Dlr: 0.5

Sample date: 06-MAR-12 Finding: 0.47
Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L
Dlr: 0.1

Sample date: 06-MAR-12 Finding: 60.3
Chemical: SULFATE Report units: MG/L
Dlr: 0.5

Sample date: 06-MAR-12 Finding: 24.8
Chemical: CHLORIDE Report units: MG/L
Dlr: 0.

Sample date: 06-MAR-12 Finding: 1.68
Chemical: POTASSIUM Report units: MG/L
Dlr: 0.

Sample date: 06-MAR-12 Finding: 23.7
Chemical: SODIUM Report units: MG/L
Dlr: 0.

Sample date: 06-MAR-12 Finding: 24.8
Chemical: MAGNESIUM Report units: MG/L
Dlr: 0.

Sample date: 06-MAR-12 Finding: 101.
Chemical: CALCIUM Report units: MG/L
Dlr: 0.

Sample date: 06-MAR-12 Finding: 355.
Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L
Dlr: 0.

Sample date:	06-MAR-12	Finding:	317.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-12	Finding:	260.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-12	Finding:	7.48
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-MAR-12	Finding:	695.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-MAR-12	Finding:	17.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-MAR-12	Finding:	31.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-MAR-12	Finding:	28.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-12	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-12	Finding:	382.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-12	Finding:	32.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-FEB-12	Finding:	9.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-12	Finding:	21.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-12	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JAN-12	Finding:	37.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-12	Finding:	16.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-12	Finding:	0.74
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L

Dlr:	0.5		

S108
NE
1/2 - 1 Mile
Higher

CA WELLS 1394

Seq:	1394	Prim sta c:	01S/11W-20B04 S
Frds no:	1910139016	County:	19
District:	07	User id:	4TH
System no:	1910139	Water type:	G
Source nam:	BLUE RIBBON WELL 02 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340400.0	Longitude:	1180300.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910139	System nam:	Cal. American Water Co.-San Marino
Hqname:	CALIFORNIA-AMERICAN WATER CO	Address:	2020 HUNTINGTON DRIVE
City:	SAN MARINO	State:	CA
Zip:	91108	Zip ext:	Not Reported
Pop serv:	49353	Connection:	13902
Area serve:	SAN MARINO		

T109
SE
1/2 - 1 Mile
Higher

CA WELLS 1401

Seq:	1401	Prim sta c:	01S/11W-21N01 S
Frds no:	1910038005	County:	19
District:	07	User id:	4TH
System no:	1910038	Water type:	G
Source nam:	WELL 05 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1180300.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910038	System nam:	El Monte-City, Water Dept.
Hqname:	Not Reported	Address:	P.O. BOX 6008
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	13300	Connection:	3344
Area serve:	EL MONTE		

T110
SE
1/2 - 1 Mile
Higher

CA WELLS 1422

Seq:	1422	Prim sta c:	01S/11W-28M03 S
Frds no:	1910039007	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G

Source nam:	WELL 05A LACFCD 2954N - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1180300.0
Precision:	8	Status:	AB
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

111
NNE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000020953

Well ID:	T0603703922-E-18	Well Type:	MONITORING
Source:	EDF	Other Name:	E-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703922&assigned_name=E-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703922&assigned_name=E-18		

U112
WNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000055757

Well ID:	T0603792966-MW06	Well Type:	MONITORING
Source:	EDF	Other Name:	MW06
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW06&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW06		

U113
WNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000097565

Well ID:	T0603792966-MW04	Well Type:	MONITORING
Source:	EDF	Other Name:	MW04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW04		

Map ID Direction Distance Elevation	Database	EDR ID Number
U114 **WNW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000031943**

Well ID:	T0603792966-MW05	Well Type:	MONITORING
Source:	EDF	Other Name:	MW05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW05		

	Database	EDR ID Number
S115 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADDW0000017894**

Well ID:	1910139-015	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	BLUE RIBBON WELL 01 - INACTIVE		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910139-015&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
S116 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADDW0000006839**

Well ID:	1910139-016	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	BLUE RIBBON WELL 02 - INACTIVE		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910139-016&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
S117 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADDW0000007184**

Well ID:	1910212-008	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	GIDLEY WELL 02 - DESTROYED		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910212-008&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation — Database — EDR ID Number

S118
NE
1/2 - 1 Mile
Higher — **CA WELLS** — **CADDW0000005585**

Well ID:	1910212-007	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	GIDLEY WELL 01 - DESTROYED		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910212-007&store_num=		
GeoTracker Data:	Not Reported		

U119
WNW
1/2 - 1 Mile
Higher — **CA WELLS** — **CAEDF0000057306**

Well ID:	T0603792966-MW01B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW01B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW01B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW01B		

U120
WNW
1/2 - 1 Mile
Higher — **CA WELLS** — **CAEDF0000005181**

Well ID:	T0603792966-MW09	Well Type:	MONITORING
Source:	EDF	Other Name:	MW09
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW09&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW09		

U121
WNW
1/2 - 1 Mile
Higher — **CA WELLS** — **CAEDF0000072712**

Well ID:	T0603792966-MW01	Well Type:	MONITORING
Source:	EDF	Other Name:	MW01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW01		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U122
WNW
1/2 - 1 Mile
Higher | **CA WELLS** | **CAEDF0000121045**

Well ID:	T0603792966-MW07	Well Type:	MONITORING
Source:	EDF	Other Name:	MW07
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW07&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW07

T123
SE
1/2 - 1 Mile
Higher | **CA WELLS** | **CADDW0000002176**

Well ID:	1910038-005	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 05 - DESTROYED 1999	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910038-005&store_num=
GeoTracker Data: Not Reported

T124
SE
1/2 - 1 Mile
Higher | **CA WELLS** | **CADDW0000015108**

Well ID:	1910039-007	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 05A - ABANDONED	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-007&store_num=
GeoTracker Data: Not Reported

U125
WNW
1/2 - 1 Mile
Higher | **CA WELLS** | **CAEDF0000076606**

Well ID:	T0603792966-MW08	Well Type:	MONITORING
Source:	EDF	Other Name:	MW08
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW08&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW08

Map ID Direction Distance Elevation	Database	EDR ID Number

U126
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009841**

Well ID:	T0603792966-MW03	Well Type:	MONITORING
Source:	EDF	Other Name:	MW03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW03		

V127
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061807**

Well ID:	T0603704487-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704487&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704487&assigned_name=MW-7		

U128
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095843**

Well ID:	T0603792966-MW02	Well Type:	MONITORING
Source:	EDF	Other Name:	MW02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792966&assigned_name=MW02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792966&assigned_name=MW02		

V129
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018181**

Well ID:	T0603704487-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603704487&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603704487&assigned_name=MW-9		

Map ID
Direction
Distance | Database | EDR ID Number

1
SW
1/2 - 1 Mile | **OIL_GAS** | **CAOG14000005909**

API #:	0403720665	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Rosemead	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

2
WNW
1/2 - 1 Mile | **OIL_GAS** | **CAOG14000005485**

API #:	0403705790	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Harmon	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

3
NNW
1/2 - 1 Mile | **OIL_GAS** | **CAOG14000005268**

API #:	0403705498	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Rosemead Oil Unit	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

4
SSE
1/2 - 1 Mile | **OIL_GAS** | **CAOG14000005473**

API #:	0403705774	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Newman	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

5
WNW
1/2 - 1 Mile **OIL_GAS** **CAOG14000014302**

API #:	0403720575	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Cordova	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91733	1	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

Appendix E HISTORICAL RECORDS

South El Monte Swap-Meet
2540 Rosemead Boulevard
South El Monte, CA 91733

Inquiry Number: 6112847.3
July 06, 2020

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

07/06/20

Site Name:

South El Monte Swap-Meet
2540 Rosemead Boulevard
South El Monte, CA 91733
EDR Inquiry # 6112847.3

Client Name:

Stantec
735 E. Carnegie Drive, Suite 280
SAN BERNARDINO, CA 92408
Contact: Alicia Jansen

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Stantec were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # F1D2-4DE5-93F1

PO # NA

Project NA

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: F1D2-4DE5-93F1

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Stantec (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

South El Monte Swap-Meet

2540 Rosemead Boulevard

South El Monte, CA 91733

Inquiry Number: 6112847.4

July 06, 2020

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

07/06/20

Site Name:	**Client Name:**
South El Monte Swap-Meet	Stantec
2540 Rosemead Boulevard	735 E. Carnegie Drive, Suite 280
South El Monte, CA 91733	SAN BERNARDINO, CA 92408
EDR Inquiry # 6112847.4	Contact: Alicia Jansen

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Stantec were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: NA

Coordinates:

Latitude:	34.058267 34° 3' 30" North
Longitude:	-118.06175 -118° 3' 42" West
UTM Zone:	Zone 11 North
UTM X Meters:	402014.58
UTM Y Meters:	3769125.02
Elevation:	243.74' above sea level

Maps Provided:

2012
1994
1991
1981
1972
1966
1953
1948
1926
1923
1900
1896
1894

E-1784

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



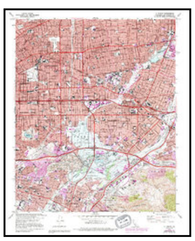
El Monte
2012
7.5-minute, 24000

1994 Source Sheets



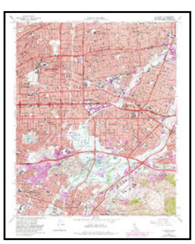
El Monte
1994
7.5-minute, 24000
Aerial Photo Revised 1978

1991 Source Sheets



El Monte
1991
7.5-minute, 24000
Aerial Photo Revised 1978

1981 Source Sheets

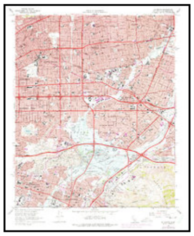


El Monte
1981
7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

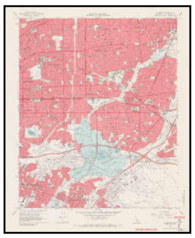
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1972 Source Sheets



El Monte
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1966 Source Sheets



El Monte
1966
7.5-minute, 24000
Aerial Photo Revised 1964

1953 Source Sheets



El Monte
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1948 Source Sheets



El Monte
1948
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1926 Source Sheets



El Monte
1926
7.5-minute, 24000

1923 Source Sheets

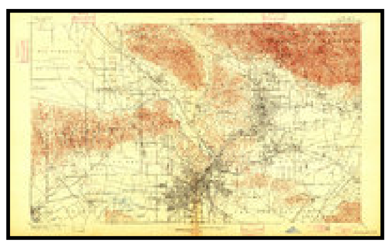


El Monte
1923
7.5-minute, 24000

1900 Source Sheets



Pasadena
1900
15-minute, 62500



Los Angeles
1900
15-minute, 62500

1896 Source Sheets



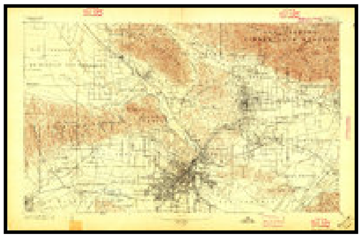
Pasadena
1896
15-minute, 62500

E-1787

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1894 Source Sheets

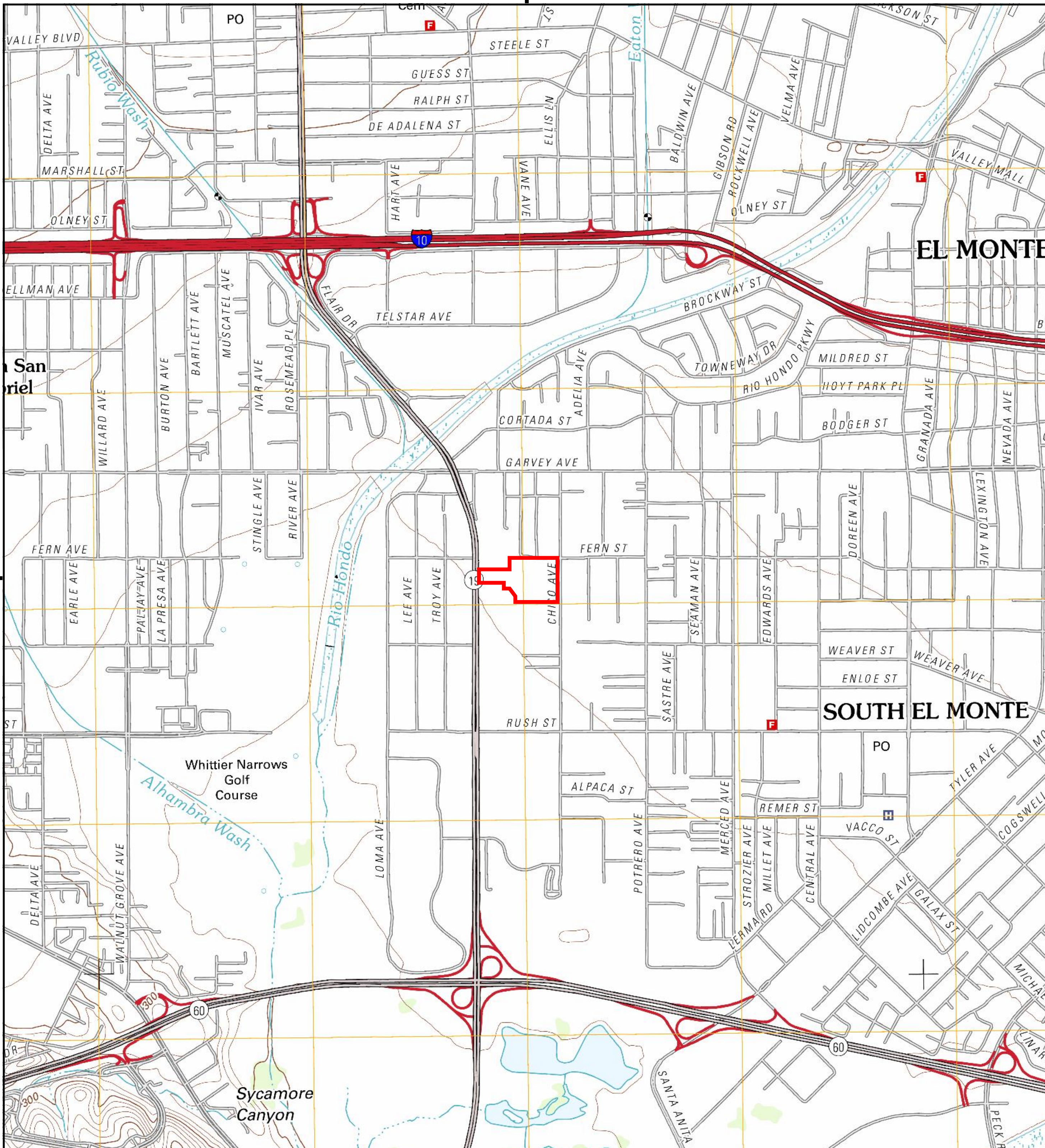


Los Angeles
1894
15-minute, 62500

EDR

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 2012, 7.5-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

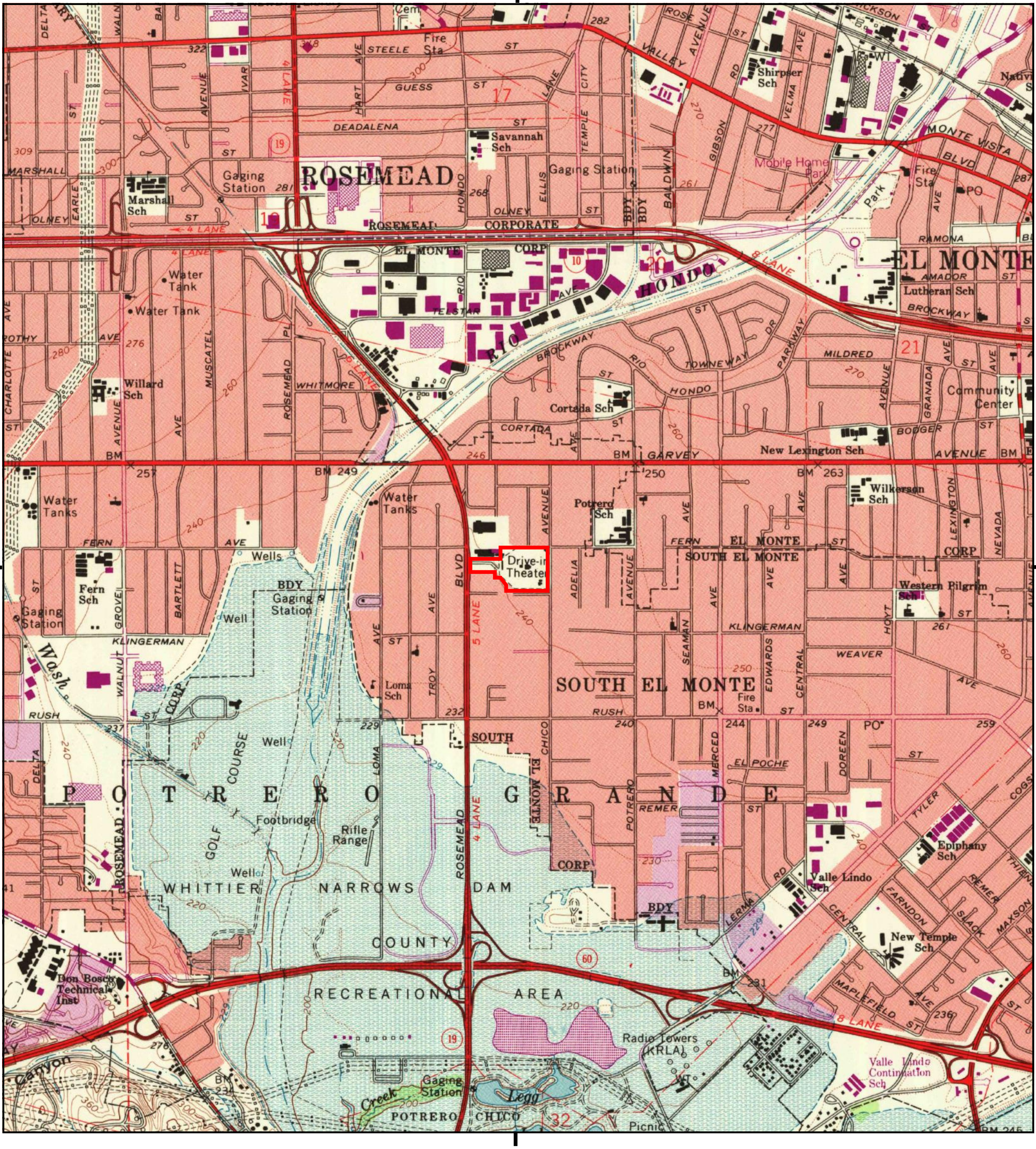
N

E-1789

EDR®

Historical Topo Map

1994



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

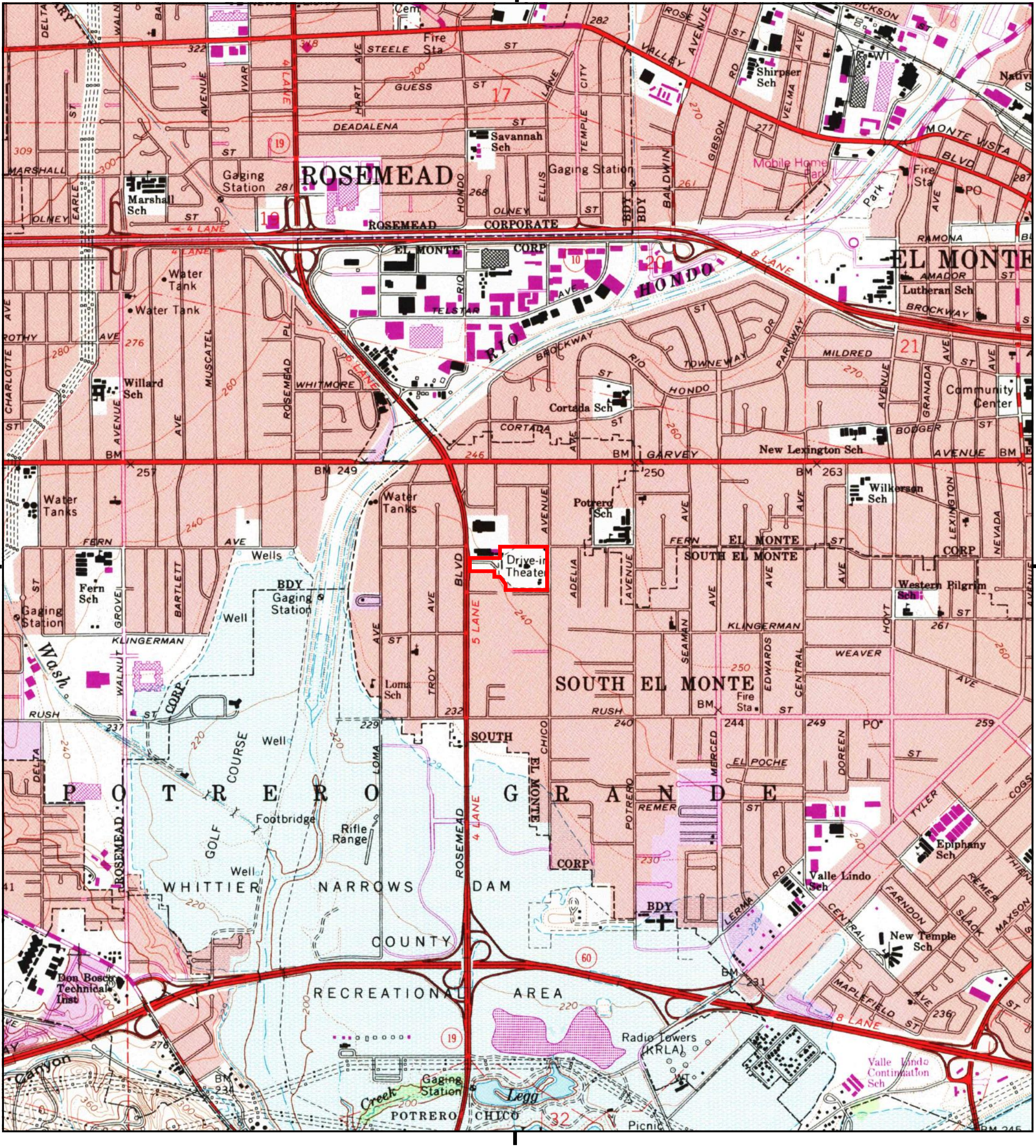
TP, El Monte, 1994, 7.5-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

E-1790

Historical Topo Map

1991



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE

W E

SW S SE

TP, El Monte, 1991, 7.5-minute

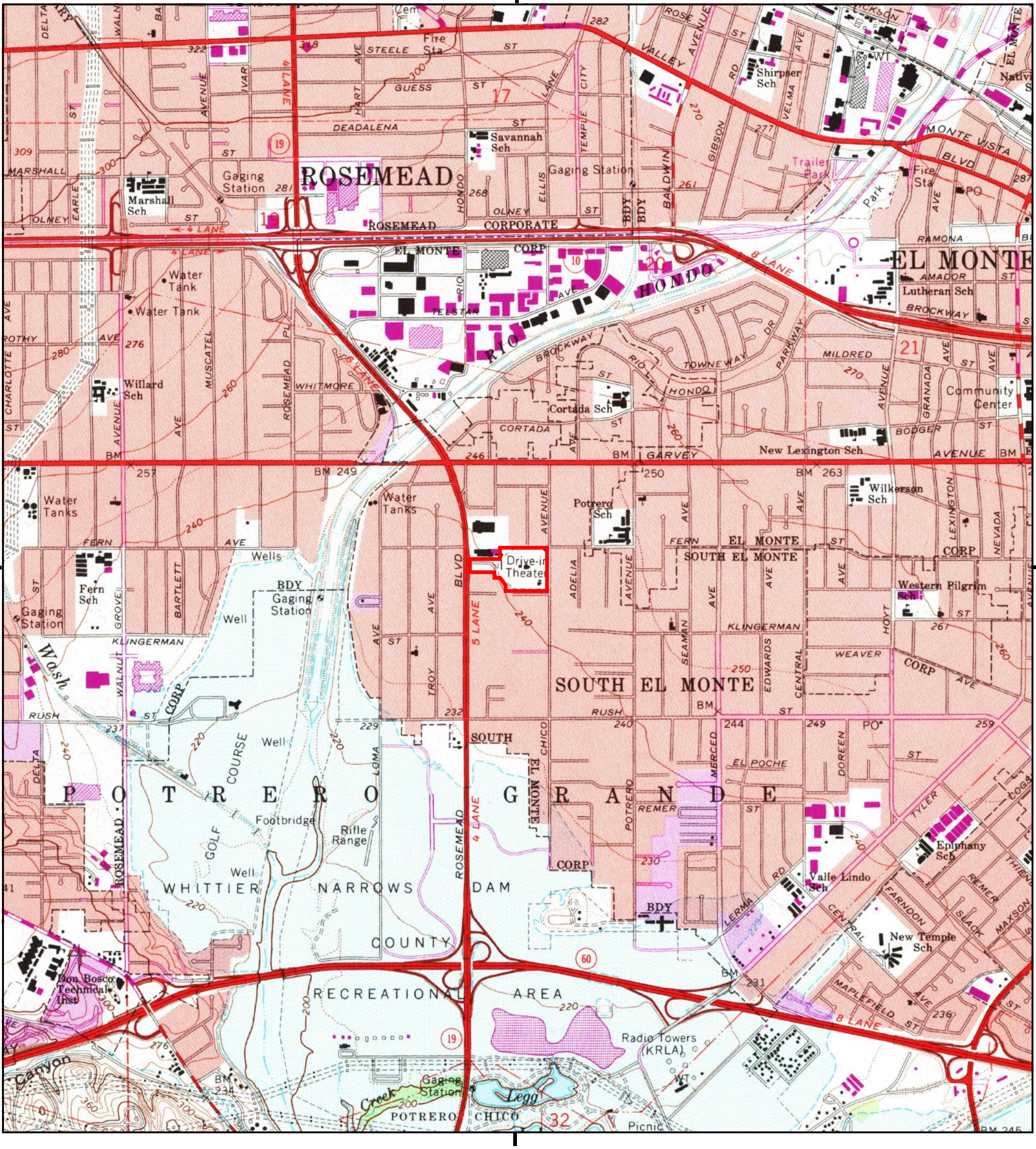
SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

N

E-1791

Historical Topo Map

1981



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

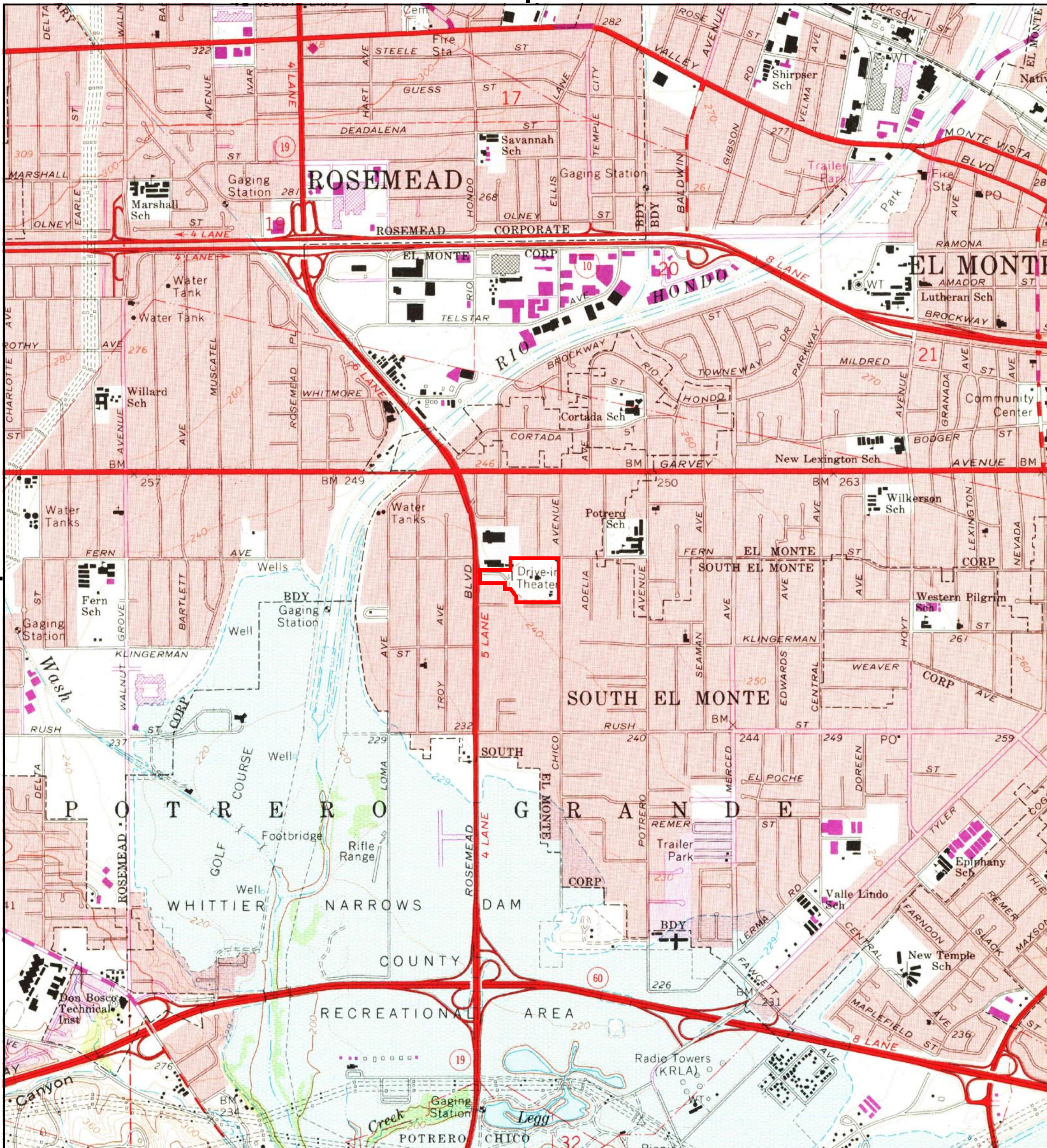
TP, El Monte, 1981, 7.5-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

E-1792

Historical Topo Map

1972



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

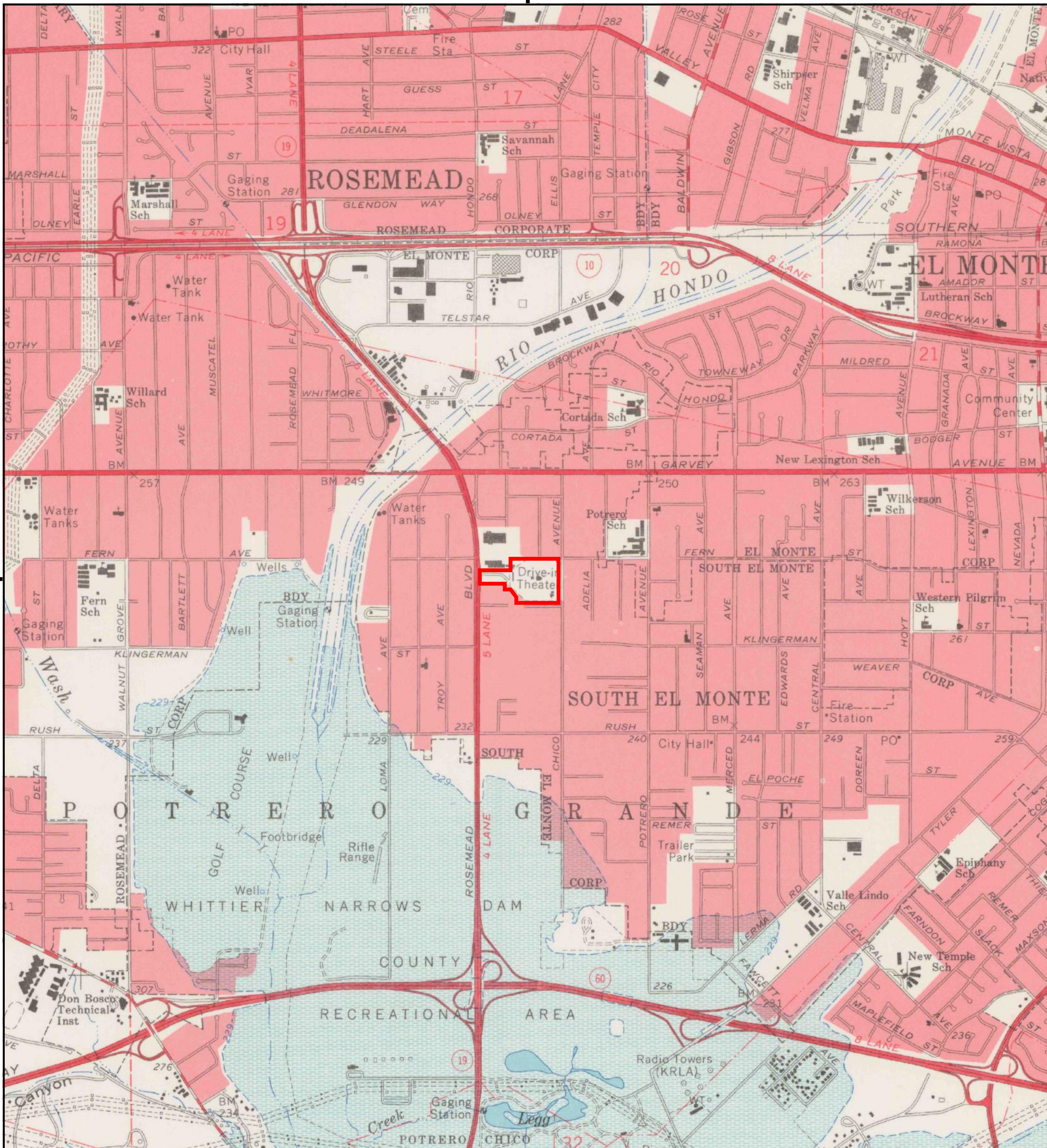
TP, El Monte, 1972, 7.5-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

E-1793

Historical Topo Map

1966



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1966, 7.5-minute

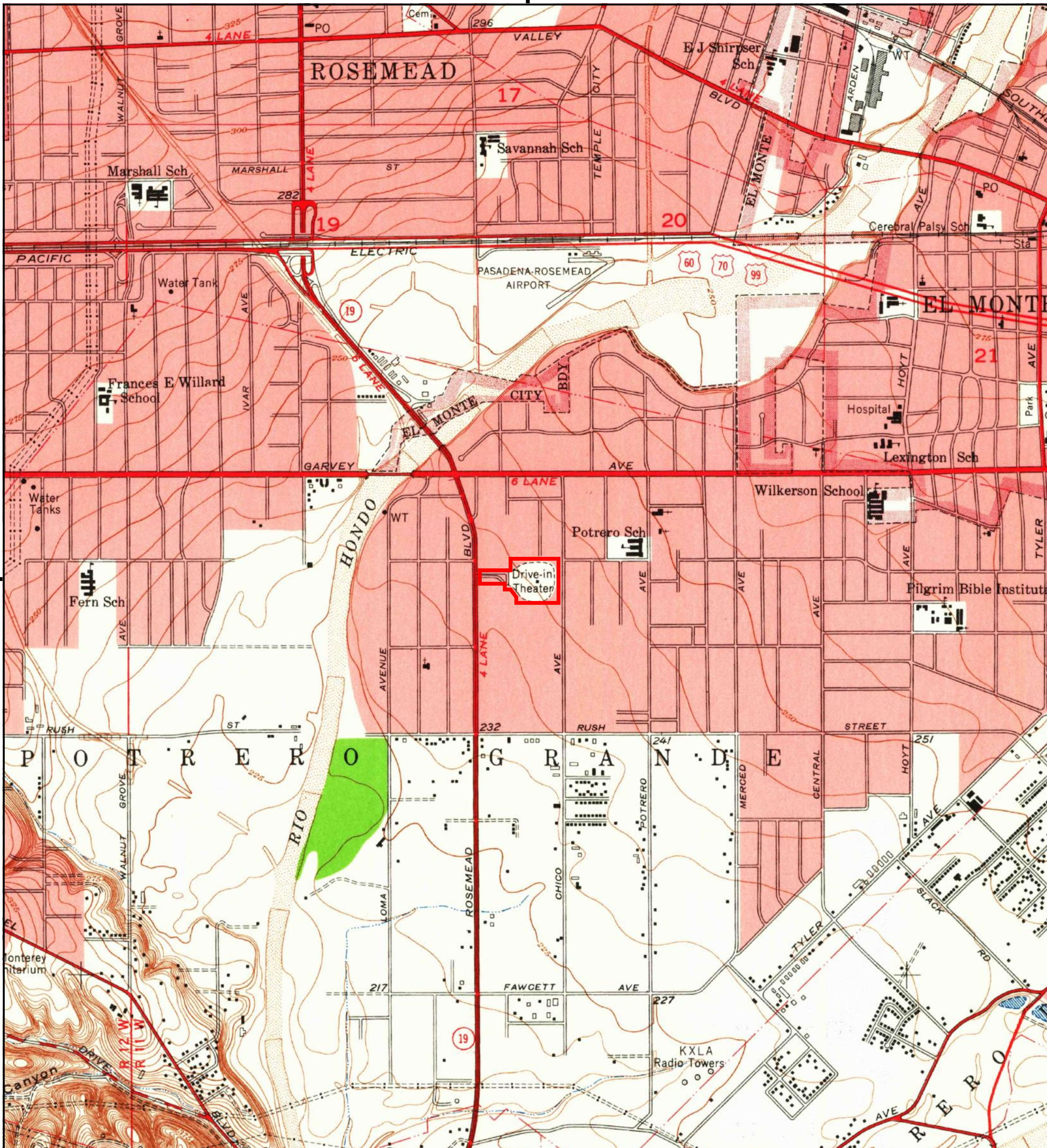
SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

N

E-1794

Historical Topo Map

1953



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

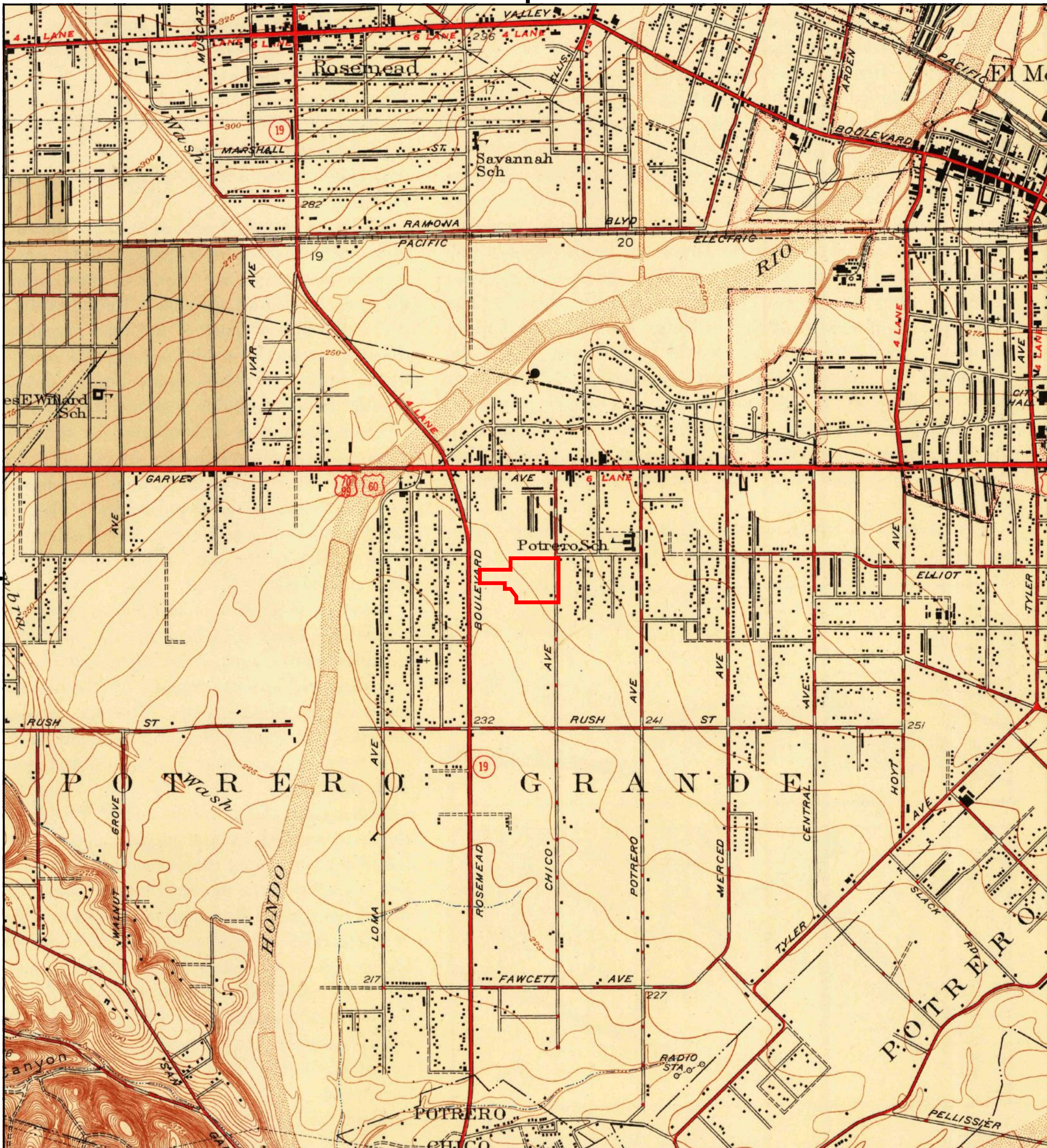
TP, El Monte, 1953, 7.5-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

E-1795

Historical Topo Map

1948



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1948, 7.5-minute

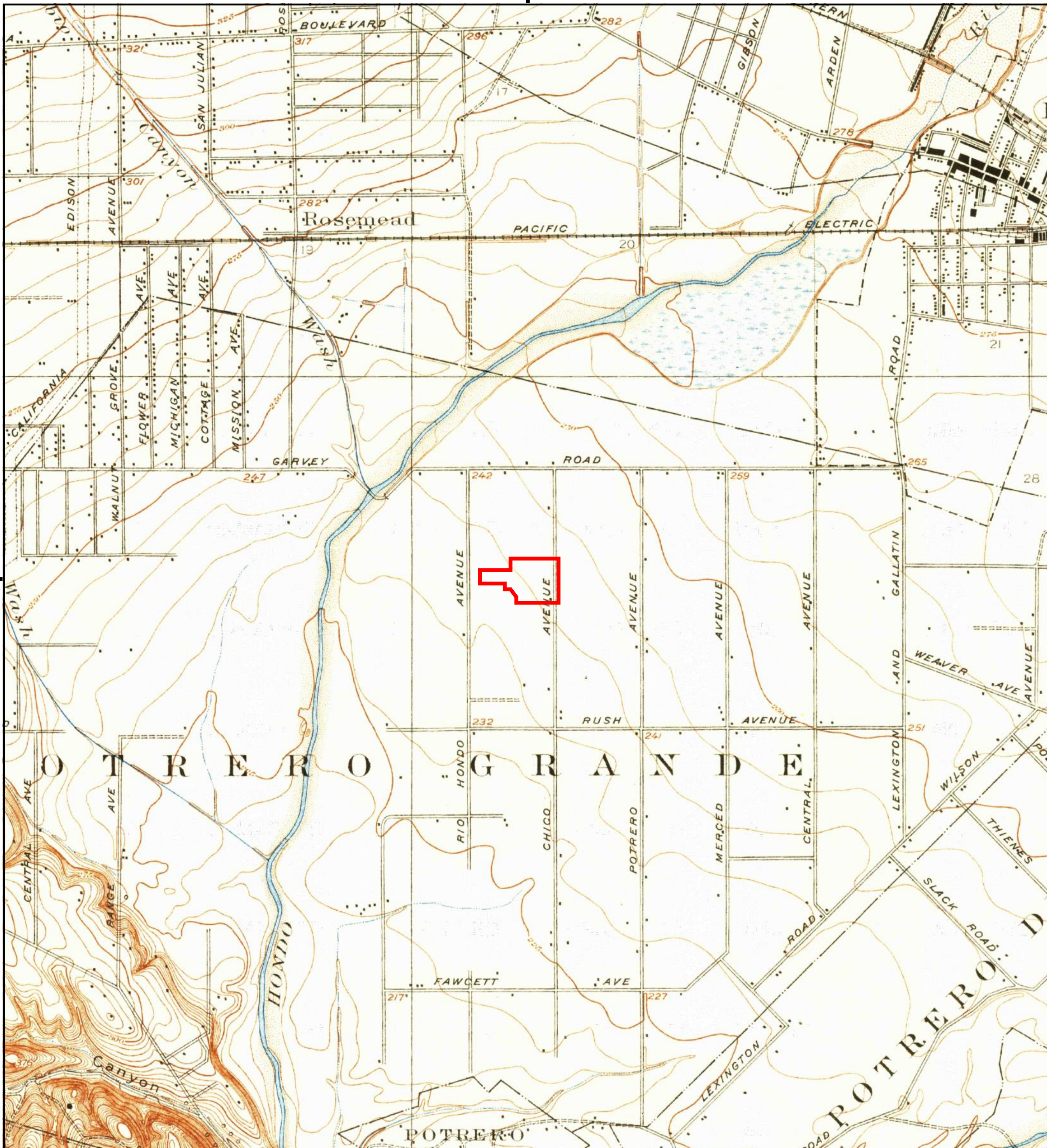
SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

N

E-1796

Historical Topo Map

1926



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE W E SW S SE

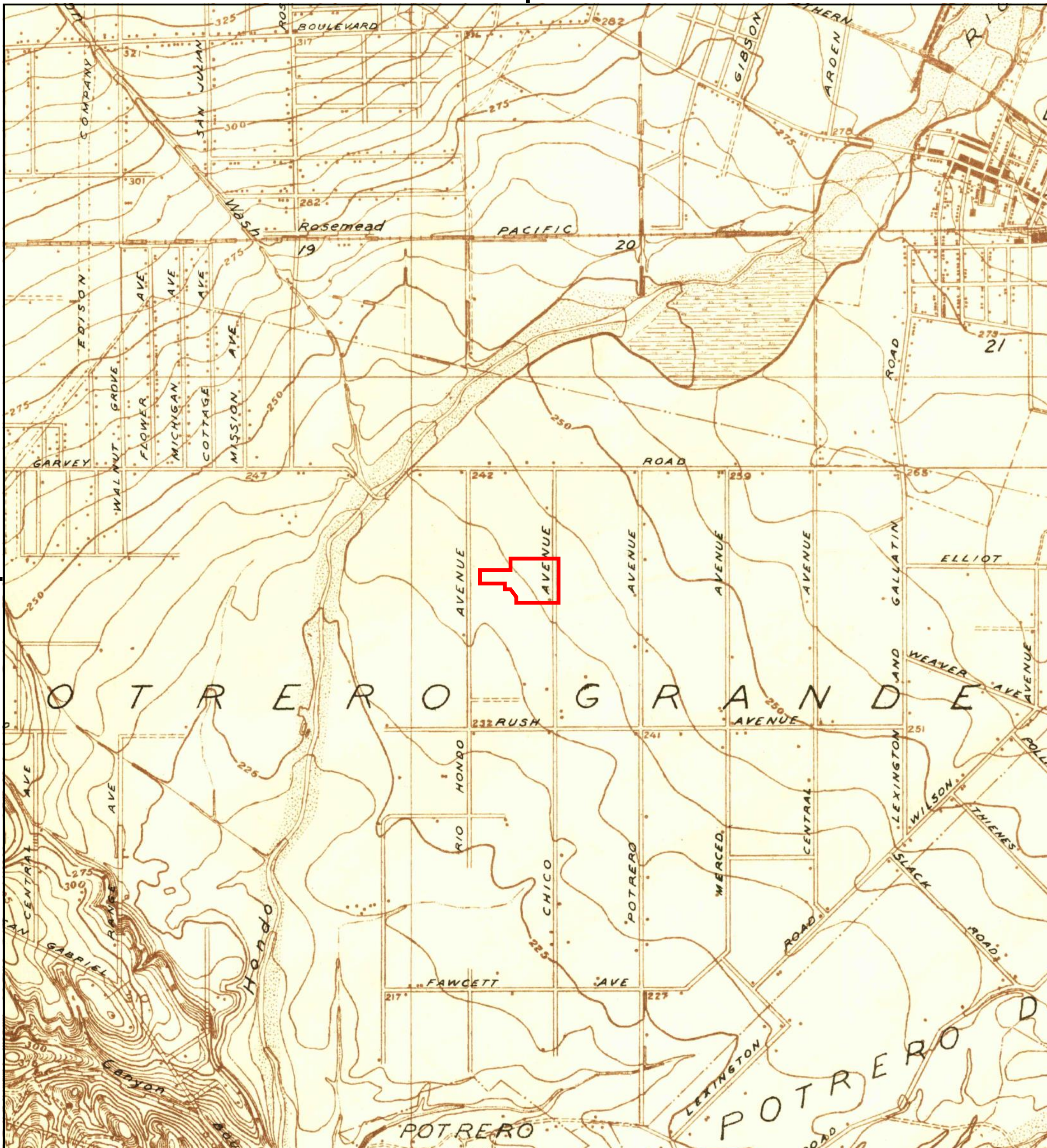
TP, El Monte, 1926, 7.5-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

E-1797

Historical Topo Map

1923



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1923, 7.5-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

N

E-1798

Historical Topo Map

1900



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pasadena, 1900, 15-minute
TP, Los Angeles, 1900, 15-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

N

E-1799

Historical Topo Map

1896



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pasadena, 1896, 15-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

E-1800

Historical Topo Map

1894



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE W E SW S SE

TP, Los Angeles, 1894, 15-minute

SITE NAME: South El Monte Swap-Meet
ADDRESS: 2540 Rosemead Boulevard
South El Monte, CA 91733
CLIENT: Stantec

E-1801

South El Monte Swap-Meet

2540 Rosemead Boulevard

South El Monte, CA 91733

Inquiry Number: 6112847.8

July 06, 2020

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

07/06/20

Site Name:	Client Name:
South El Monte Swap-Meet	Stantec
2540 Rosemead Boulevard	735 E. Carnegie Drive, Suite 280
South El Monte, CA 91733	SAN BERNARDINO, CA 92408
EDR Inquiry # 6112847.8	Contact: Alicia Jansen

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 11, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 23, 1983	EDR Proprietary Brewster Pacific
1979	1"=500'	Flight Date: May 11, 1979	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: August 02, 1952	USGS
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: February 07, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.



INQUIRY #: 6112847.8

YEAR: 2016

= 500'

N

EDR



INQUIRY #: 6112847.8

YEAR: 2012

= 500'

N

EDR

E-1805



INQUIRY #: 6112847.8

YEAR: 2009

= 500'

N

EDR

E-1806



INQUIRY #: 6112847.8

YEAR: 2005

= 500'

N

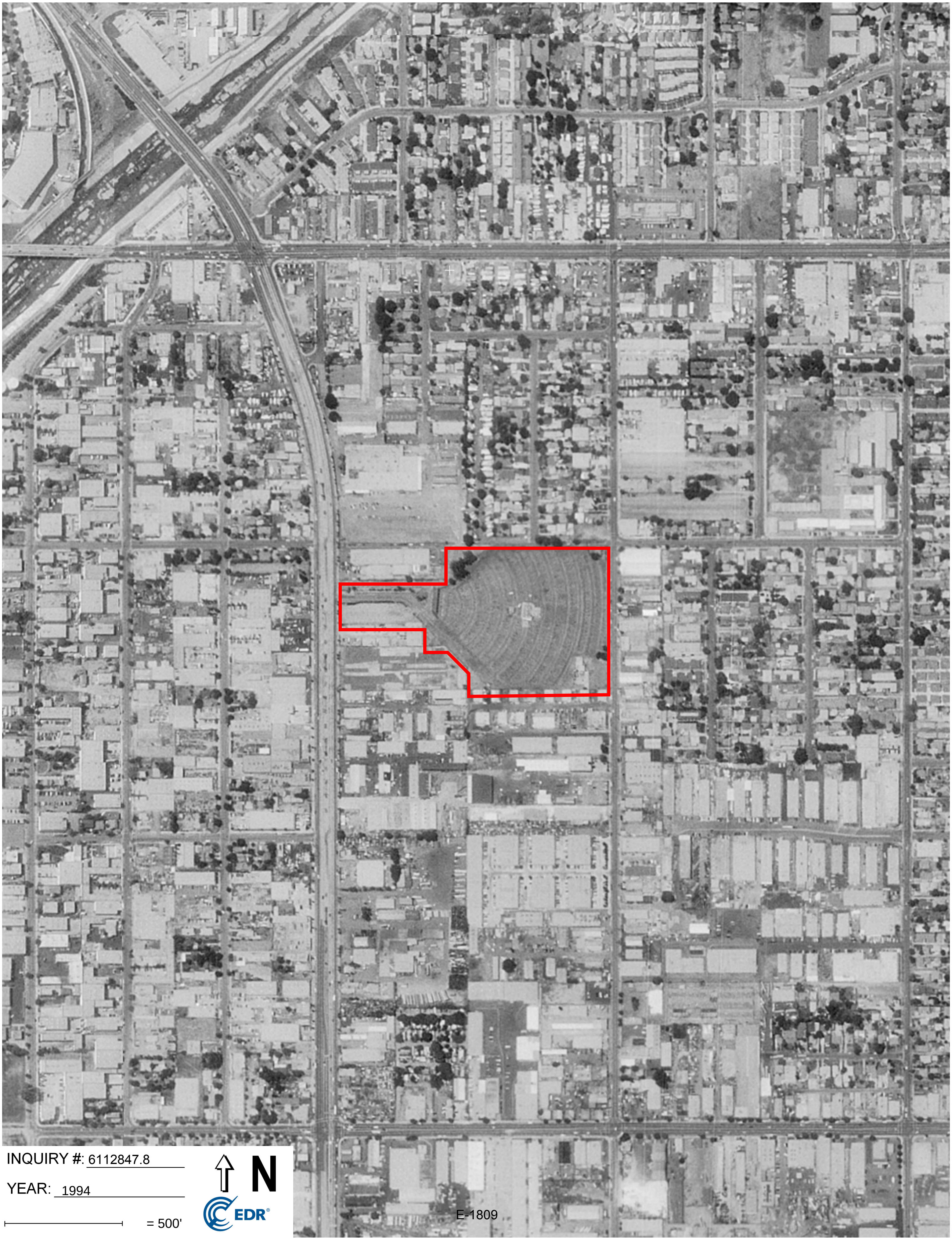
E-1807



INQUIRY #: 6112847.8

YEAR: 2002

= 500'



INQUIRY #: 6112847.8

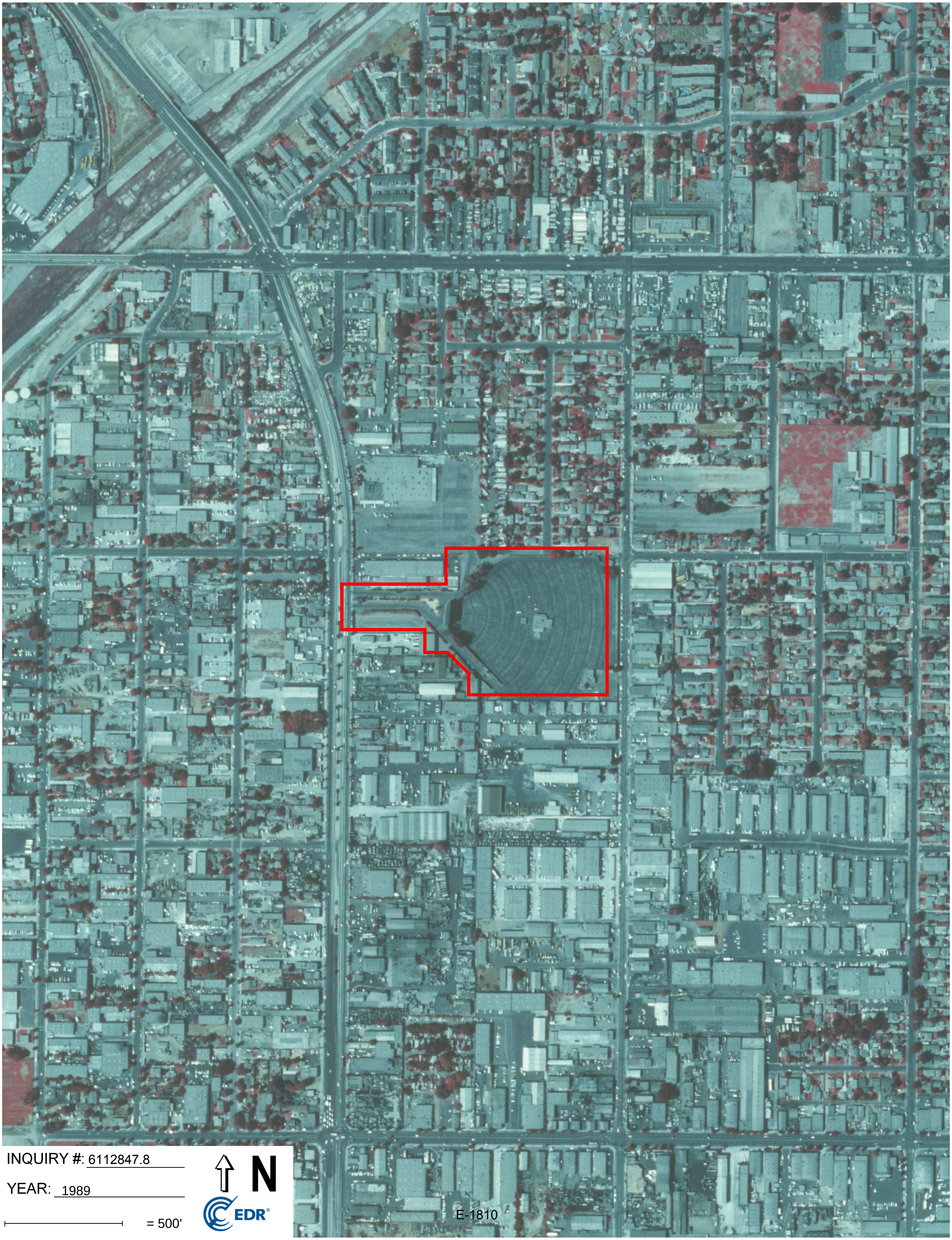
YEAR: 1994

= 500'

N

EDR

E-1809



INQUIRY #: 6112847.8

YEAR: 1989

= 500'

N

EDR

E-1810



INQUIRY #: 6112847.8

YEAR: 1983

= 500'

N

EDR



INQUIRY #: 6112847.8

YEAR: 1979

= 500'

N



INQUIRY #: 6112847.8

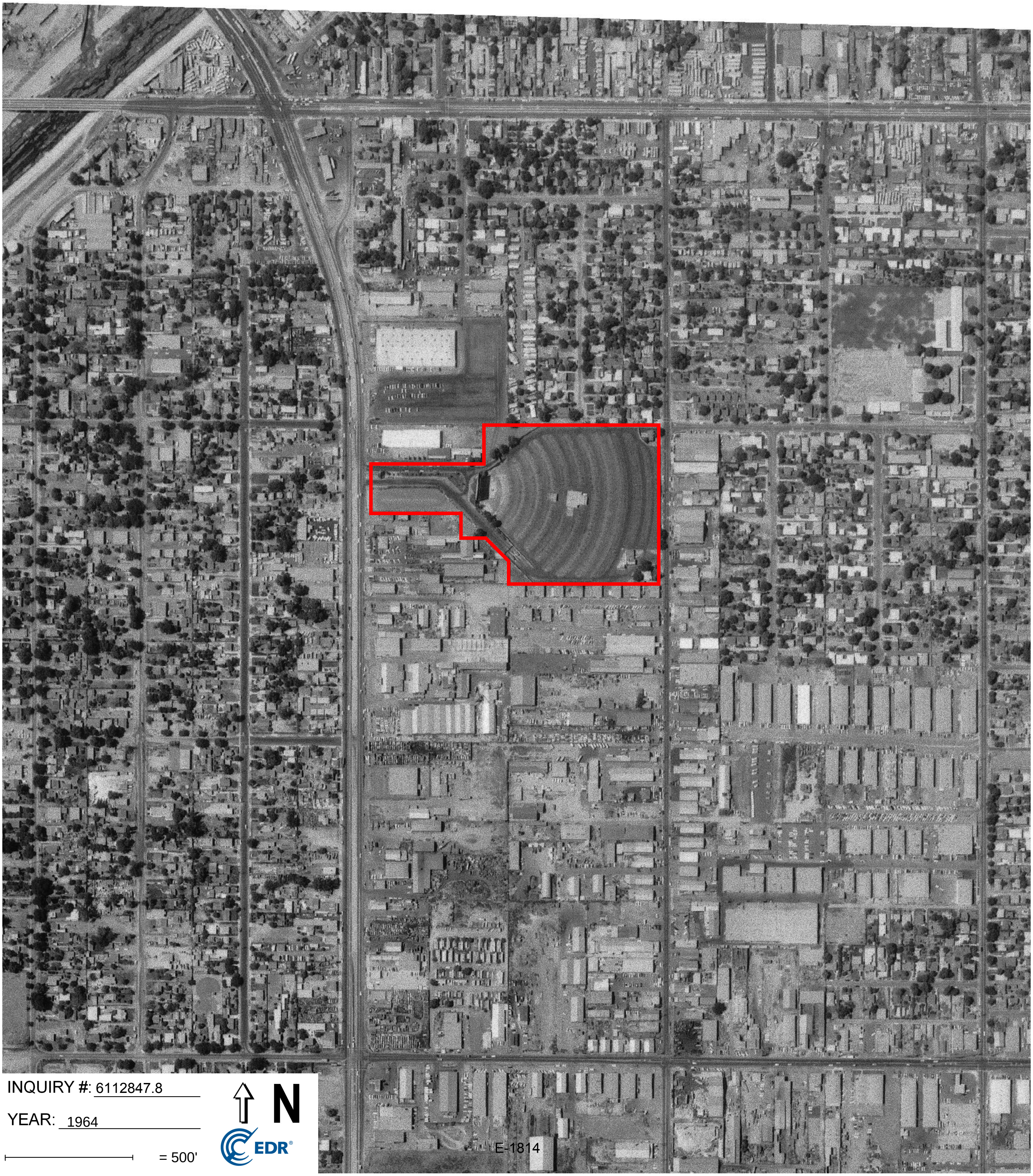
YEAR: 1977

= 500'

N

EDR

E-1813



INQUIRY #: 6112847.8

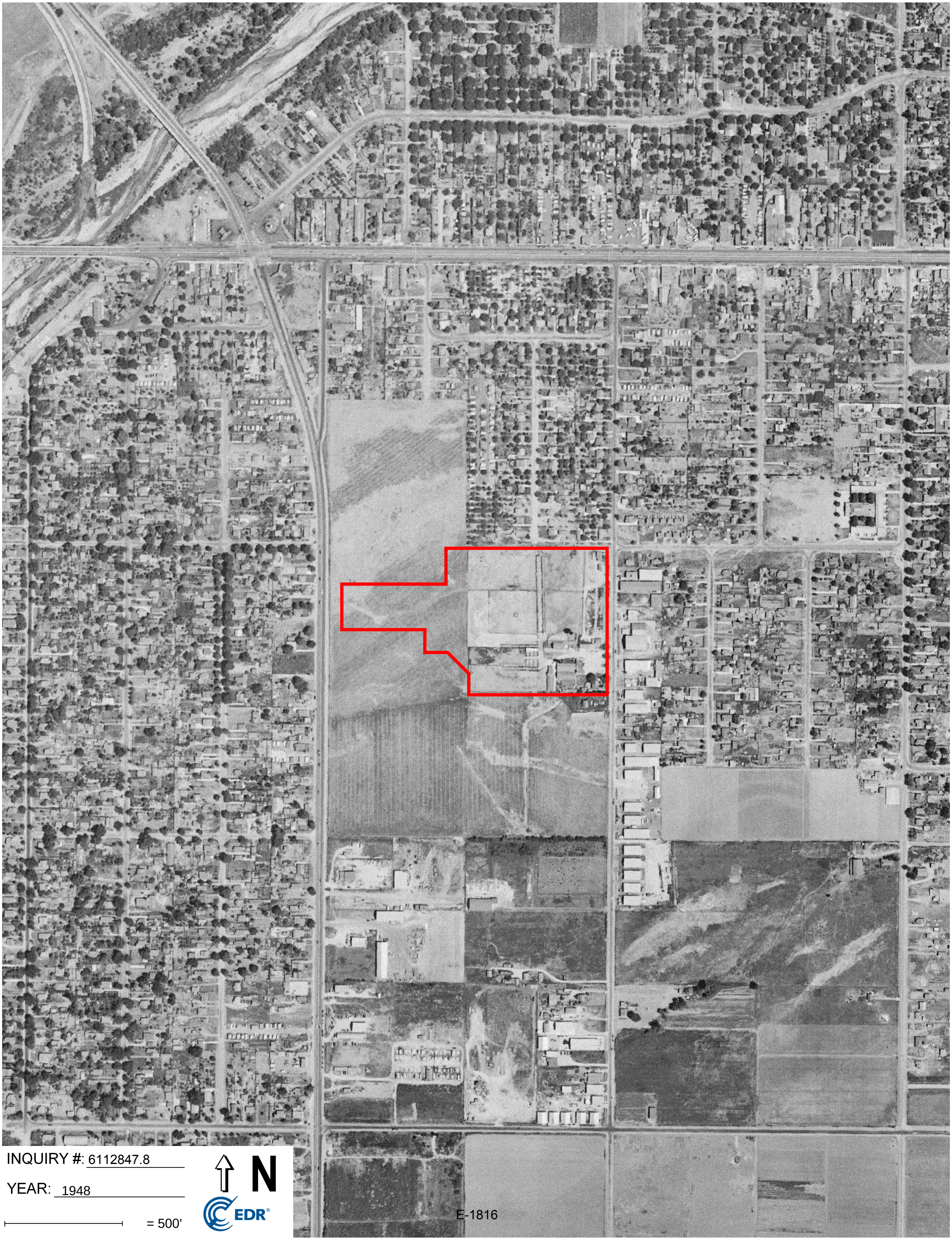
YEAR: 1964

= 500'

N

E-1814


INQUIRY #: 6112847.8
YEAR: 1952
= 500'
N
E-1815



INQUIRY #: 6112847.8

YEAR: 1948

= 500'

N

EDR

E-1816



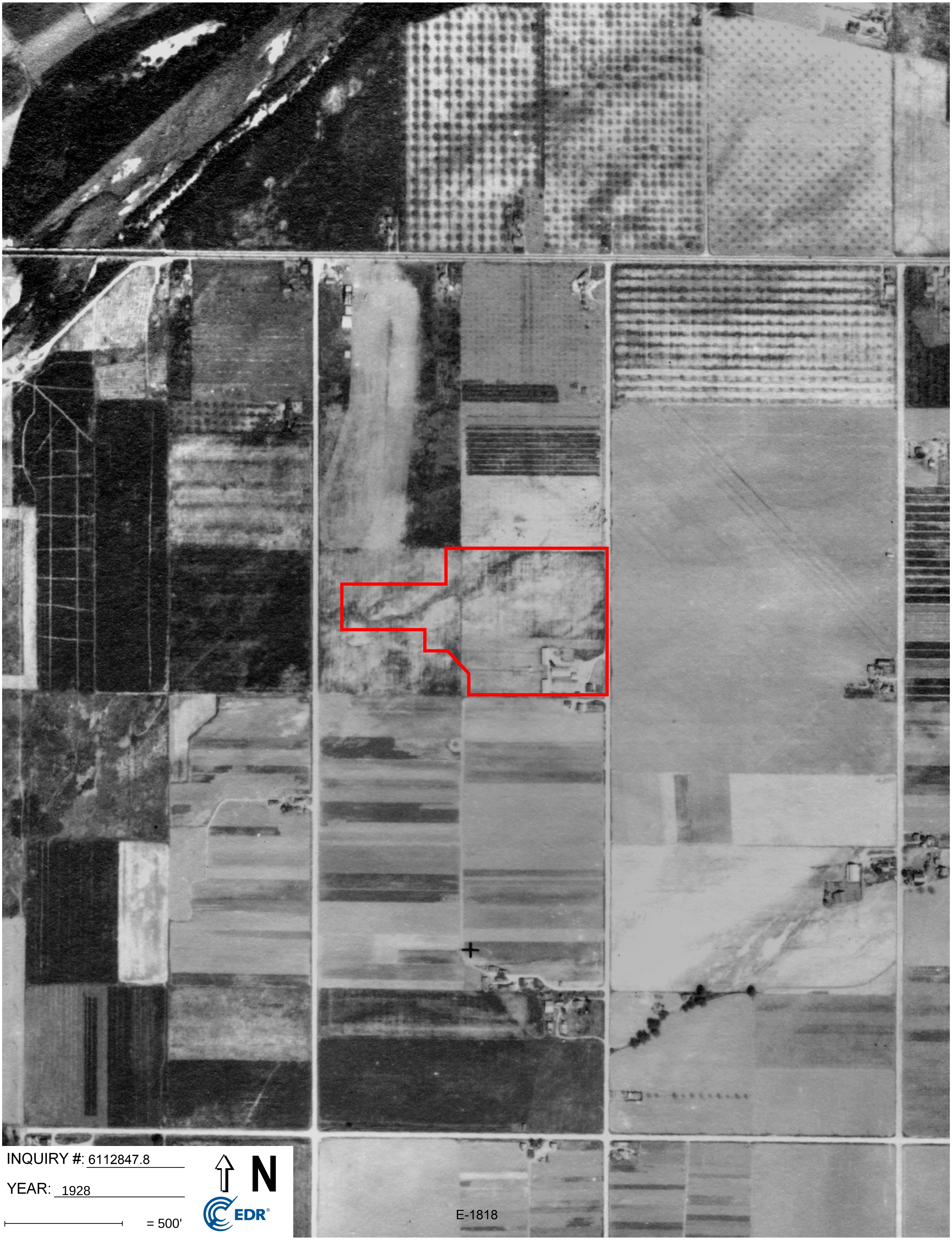
INQUIRY #: 6112847.8

YEAR: 1938

= 500'

N

EDR



INQUIRY #: 6112847.8

YEAR: 1928

= 500'

N

EDR

E-1818

South El Monte Swap-Meet
2540 Rosemead Boulevard
South El Monte, CA 91733

Inquiry Number: 6112847.5
July 07, 2020

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.’s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	Cole Information Services	X	X	X	-
2009	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2006	Haines Company	-	X	X	-
	Haines Company	X	X	X	-
2004	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Pacific Bell Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1999	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Haines Company	-	X	X	-
	Haines Company	X	X	X	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1994	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	R. L. Polk & Co.	-	-	-	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	X	X	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	Pacific Telephone	-	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	***Type***	***Findings***
2559 Chico Avenue	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

2540 Rosemead Boulevard
South El Monte, CA 91733

FINDINGS DETAIL

Target Property research detail.

CHICO AVE

2559 CHICO AVE

Year	Uses	Source
2009	STARLITE SWAPMEET	Cole Information Services

Chico Avenue

2559 Chico Avenue

Year	Uses	Source
2006	CHUShihjen	Haines Company
	ORTIZFillberto	Haines Company
1995	Chu Shih Jen	Pacific Bell
1985	BRATCHER FORD	Pacific Bell
1980	BRATCHER FORD CHICO AVE SOUTH EL MONTE	Pacific Telephone

ROSEMEAD BLVD

2540 ROSEMEAD BLVD

Year	Uses	Source
2014	ROSEMEAD SWAPMEET	Cole Information Services
	STARLITE DRIVEIN	Cole Information Services
	STARLITE SWAPMEET	Cole Information Services
2009	STARLITE SWAP MEET	Cole Information Services
2006	MEET STARLITE DRIVE IN	Haines Company
	ROSEMDSWAP	Haines Company
	STARLITE SWAP	Haines Company
2004	H & R CLOTHIERS	Cole Information Services
	ROSEMEAD SWAP MEET	Cole Information Services
	S ROSEMEAD	Cole Information Services
1999	STARLITE DRIVE IN	Cole Information Services

FINDINGS

Year	***Uses***	***Source***
1999	STARLITE SWAP MEET	Cole Information Services
1994	STARLITE DRIVE IN	Cole Information Services
	STARLITE SWAP MEET	Cole Information Services

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

FERN ST

9321 FERN ST

Year	*Uses*	*Source*
2014	A TEMP REFRIGERATION INC	Cole Information Services
2006	a HILTON Roberts	Haines Company
2004	ROBERTS HILTON	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	HILTON, R D	Cole Information Services
1985	HILTON RD	Pacific Bell

9327 FERN ST

Year	*Uses*	*Source*
2014	GRISELDA MARQUEZ	Cole Information Services
2009	MANUEL LOPEZ	Cole Information Services
2006	No Current Listing	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MANUEL LOPEZ	Cole Information Services
	XXXX	Haines Company
	X TROY AV	Haines Company

9328 FERN ST

Year	*Uses*	*Source*
2014	COM CENTURY RESOURCES LLC	Cole Information Services
1957	ROSE RICNARD E	Pacific Telephone

9329 FERN ST

Year	*Uses*	*Source*
2014	BLANCOS WELDING SERVICE	Cole Information Services
2009	BLANCOS WELDING SERVICE	Cole Information Services
2006	SERVICE	Haines Company
	BLANCOS WELDING	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	COLONIAL ARTISTIC IRON WORK	Cole Information Services
	XXXX	Haines Company
	COLONIAL ARTISTIC	Haines Company

FINDINGS

Year	Uses	Source
1994	COLONIAL ARTISTIC IRON WORKS	Cole Information Services
1975	ACCURATE MACHINE PRODUCTS	Pacific Telephone
1966	KESTLER ELECTRONICS	Pacific Telephone
	ACCURATE MACH PRODUCTS	Pacific Telephone
1960	ACCURATE MACH PRODUCTS	Pacific Telephone
1957	VENTURA REGULATOR CO	Pacific Telephone
	ACCURATE MACH PRODUCTS	Pacific Telephone

9347 FERN ST

Year	Uses	Source
2014	MANUEL TREJO	Cole Information Services
	LUIS SAUCEDO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	ESTELA TREJO	Cole Information Services
2006	TREJO Manuel	Haines Company
2004	ESTELA TREJO	Cole Information Services
1999	ESTELA TREJO	Cole Information Services
	TREJO Monique	Haines Company
1966	SANTA CRUZ NELLIE	Pacific Telephone
1957	WOOD CLINTON S	Pacific Telephone

9348 FERN ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	MAHREZ NAAMANI	Cole Information Services
2006	LOPEZS	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MAHREZ NAAMANI	Cole Information Services

9350 FERN ST

Year	Uses	Source
2014	NOELIA CASTRO	Cole Information Services
2009	ISABEL MENDOZA	Cole Information Services
2006	MONDOZA Isabel	Haines Company
2004	ISABEL MENDOZA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	ISABEL MENDOZA	Cole Information Services
1994	PEREZ, L	Cole Information Services
1985	RICO MARGARITA	Pacific Bell

FINDINGS

9355 FERN ST

Year	Uses	Source
2014	CORAZON CERROS	Cole Information Services
2009	RALPH THOMPSON	Cole Information Services
2006	THOMPSON Chas T	Haines Company
2004	RALPH THOMPSON	Cole Information Services
1999	RALPH THOMPSON	Cole Information Services
	THOMPSON Chas T	Haines Company
1994	THOMPSON, CHARLES T	Cole Information Services
1985	THOMPSON CHAS T	Pacific Bell
1980	THOMPSON CHAS T FERN ST SOUTH EL MONTE	Pacific Telephone
1975	THOMPSON CHAS T	Pacific Telephone
1966	THOMPSON CHAS T	Pacific Telephone
1960	THOMPSON CHAS T	Pacific Telephone
1957	THOMPSON CHAS T	Pacific Telephone

9357 FERN ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	GUADALUPE FIGUEROA	Cole Information Services
2006	FIGUEROA	Haines Company
	Guadalupe	Haines Company
2004	GUADALUPE FIGUEROA	Cole Information Services
1999	GUADALUPE FIGUEROA	Cole Information Services
	XXXX	Haines Company

9358 FERN ST

Year	Uses	Source
2014	JOSE GARCIA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	GARCIA Jose	Haines Company
2004	VIRGINIA RUIZ	Cole Information Services
1999	XXXX	Haines Company
1985	GARCIA AGUSTINE	Pacific Bell
1980	MUNOZ HILARIA FERN ST SOUTH EL MONTE	Pacific Telephone

9359 FERN ST

Year	Uses	Source
2009	OCCUPANT UNKNOWN	Cole Information Services

FINDINGS

Year	Uses	Source
2006	REVELES Jose	Haines Company
2004	JOSE REVELES	Cole Information Services
1994	LIPE, JENNIE	Cole Information Services
1985	LIPE JENNIE	Pacific Bell
1980	LIPE JENNIE FERN ST SOUTH EL MONTE	Pacific Telephone
1975	LIPE JENNIE	Pacific Telephone
1960	THOMPSON GAYLE	Pacific Telephone

9360 FERN ST

Year	Uses	Source
2014	JOSE GARCIA	Cole Information Services
2009	JOSE GARCIA	Cole Information Services
2006	GARCIAJose	Haines Company
2004	JOSE GARCIA	Cole Information Services
1999	JOSE GARCIA	Cole Information Services
1985	GARCIA JOSE	Pacific Bell
1966	KOVACS ANDREW	Pacific Telephone

9361 FERN ST

Year	Uses	Source
2014	JOSE SALAZAR	Cole Information Services
2009	JOSE SALAZAR	Cole Information Services
2006	o SALAZARJose L	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	SALAZAR Jose L	Haines Company
1985	LA PERRITERE ROLLAND	Pacific Bell
1980	LA PERRIERE ROLLAND FERN ST SOUTH EL MONTE	Pacific Telephone
1966	LAPERRIERE ROLLAND	Pacific Telephone
1960	BOND JENNY	Pacific Telephone

9364 FERN ST

Year	Uses	Source
2014	MARIO MORENO	Cole Information Services
2009	MARIO MORENO	Cole Information Services
2004	RAFUL VENCES	Cole Information Services
1999	MARIO MORENO	Cole Information Services

FINDINGS

9366 FERN ST

Year	Uses	Source
2014	ROSA MARTINEZ	Cole Information Services
2009	ROSA MARTINEZ	Cole Information Services
1999	XXXX	Haines Company

9367 FERN ST

Year	Uses	Source
2009	UNCLE LEE FASHION	Cole Information Services
2006	FASHION	Haines Company
	UNCLELEE	Haines Company
2004	UNCLE LEE FASHION	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	WING LUNG FASHION	Cole Information Services
	WING LUNG FASHION	Haines Company
1994	PACIFIC FOODS DISTRIBUTORS	Cole Information Services
1957	CRABTREE OTTO	Pacific Telephone

9369 FERN ST

Year	Uses	Source
2004	LEE LO	Cole Information Services
1966	MELKES MACH	Pacific Telephone
	MELKESIAN HAROLD A MELKES MACH	Pacific Telephone

9373 FERN ST

Year	Uses	Source
2014	FERNANDO FERNANDEZ	Cole Information Services
2009	FERNANDO FERNANDEZ	Cole Information Services
2006	LOPEZ Dalila	Haines Company
	EDWARDS Howard	Haines Company
2004	DALILA LOPEZ	Cole Information Services
1999	FERNANDO FERNANDEZ	Cole Information Services
	XXXX	Haines Company
1975	FERRAR BERNARD	Pacific Telephone
1966	BROWN L H	Pacific Telephone
1957	BROWN ALLEAH J	Pacific Telephone

9374 FERN ST

Year	Uses	Source
1999	MUNOZ Jose	Haines Company
1994	REVELES, JOSE	Cole Information Services

Year	Uses	Source
1985	GEISLER KATHERINE L	Pacific Bell
1975	STRUHAR JOHN	Pacific Telephone
1966	STRUHAR JOHN	Pacific Telephone
1960	STRUHAR JOHN	Pacific Telephone
1957	STRUHAR JOHN	Pacific Telephone

9375 FERN ST

Year	Uses	Source
2014	SIMON LOPEZ	Cole Information Services
2009	ERENDIDA PALOMINO	Cole Information Services
2006	PALOMINO Erendira	Haines Company
2004	ERENDIDA PALOMINO	Cole Information Services
1999	ERENDIDA PALOMINO	Cole Information Services
	XXXX	Haines Company

9376 FERN ST

Year	Uses	Source
1999	XXXX	Haines Company
	X ROSEMEAD BLVD	Haines Company
	X CHICO AV	Haines Company
1980	MILLARD WM FERN ST SOUTH EL MONTE	Pacific Telephone

N ROSEMEAD BLVD

2450 N ROSEMEAD BLVD

Year	Uses	Source
1995	CONVEYOR RENTAL BY HARRIS	Pacific Bell
1990	HARRIS CONVEYOR & RENTALS INC SOUTH EL MONTE	Pacific Bell
	HARRIS BILT CONVEYORS SOUTH EL MONTE	Pacific Bell
	CONVEYOR RENTAL BY HARRIS SOUTH EL MONTE	Pacific Bell
1986	HARRIS CONVEYOR & RENTALS INC SOUTH EL MONTE	Pacific Bell
	HARRIS BILT CONVEYORS SOUTH EL MONTE	Pacific Bell
1985	HARRIS BILT CONVEYORS	Pacific Bell
	HARRIS CONVEYOR & RENTALS INC	Pacific Bell
1981	CONVEYOR RENTAL BY HARRIS SOUTH EL MONTE	Pacific Telephone

FINDINGS

Year	Uses	Source
1976	Harris Bill Conveyors	Pacific Telephone
	HARRIS CONVEYOR & RENTALS INC	Pacific Telephone

2460 N ROSEMEAD BLVD

Year	Uses	Source
1990	HOOTER BROS ENAMELING SOUTH EL MONTE	Pacific Bell
1986	HOOTER BROS ENAMELING SOUTH EL MONTE	Pacific Bell
1985	HOOTER BROS ENAMELING	Pacific Bell
1981	HOOTER BROS ENAMELING SOUTH EL MONTE	Pacific Telephone

2464 N ROSEMEAD BLVD

Year	Uses	Source
1990	BUCHANAN CO SHEET METL SOUTH EL MONTE	Pacific Bell
1986	BUCHANAN CO SHEET METL SOUTH EL MONTE	Pacific Bell
1985	BUCHANAN CO SHEET METL	Pacific Bell
1981	BUCHANAN CO SHEET METL SOUTH EL MONTE	Pacific Telephone

2535 N ROSEMEAD BLVD

Year	Uses	Source
1995	TRU LUONG SEWING CONTRACTOR	Pacific Bell
1986	SNYDER RESEARCH LAB INC SOUTH EL MONTE	Pacific Bell
1985	SNYDER RESEARCH LAB INC	Pacific Bell

2560 N ROSEMEAD BLVD

Year	Uses	Source
1990	COLE C W & CO INC LIGHTNG SOUTH EL MONTE	Pacific Bell
	COLE LIGHTING CO SOUTH EL MONTE	Pacific Bell
1986	COLE LIGHTING CO SOUTH EL MONTE	Pacific Bell
	COLE C W & CO INC LIGHTNG SOUTH EL MONTE	Pacific Bell
1985	COLE C W & CO INC LIGHTNG	Pacific Bell
1981	COLE LIGHTING CO SOUTH EL MONTE	Pacific Telephone

FINDINGS

2620 N ROSEMEAD BLVD

Year	*Uses*	*Source*
1995	WHITE DON A INC	Pacific Bell
1990	SBICCA OF CALIF SOUTH EL MONTE	Pacific Bell
1986	SBICCA OF CALIF SOUTH EL MONTE	Pacific Bell
1985	SBICCA OF CALIF	Pacific Bell
1981	SBICCA OF CALIF SOUTH EL MONTE	Pacific Telephone

2637 N ROSEMEAD BLVD

Year	*Uses*	*Source*
1995	SUPERIOR TRANSMISSION & REAR END	Pacific Bell
	SUPERIOR AUTO TRANSMISSION	Pacific Bell
1990	JONAH SPRING CO SOUTH EL MONTE	Pacific Bell
	SUPERIOR STANDARD TRANSMISSION & REAR ENDS SOUTH EL MONTE	Pacific Bell
1986	SUPERIOR AUTO PARTS TRANSMISSION & REAR ENDS SOUTH EL MONTE	Pacific Bell
1985	SUPERIOR AUTO SALVAGE	Pacific Bell
	SUPERIOR AUTO TRANSANTA MONICAISSION	Pacific Bell
	SUPERIOR AUTO PARTS TRANSMISSION & REAR ENDS	Pacific Bell
1981	SUPERIOR AUTO TRANSMISSION SOUTH EL MONTE	Pacific Telephone
	SUPERIOR AUTO SALVAGE SOUTH EL MONTE	Pacific Telephone

ROSEMEAD BLVD

2353 ROSEMEAD BLVD

Year	*Uses*	*Source*
1950	REPETTO TIMOTHY R	Pacific Telephone

2447 ROSEMEAD BLVD

Year	*Uses*	*Source*
2004	S & C INTERNATIONAL INC	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	S & C INTERNATL INCORPORATED	Cole Information Services
1994	S & C INTL INC	Cole Information Services

FINDINGS

2450 ROSEMEAD BLVD

Year	Uses	Source
2006	HARRIS CONVEYOR	Haines Company
	& RENTALS INC	Haines Company
	HARRIS CONVEYOR	Haines Company
1999	CONVEYOR RENTAL BY HARRIS	Cole Information Services
	HARRIS CONVEYOR & RENTALS INCORPORATED	Cole Information Services
1994	HARRIS CONVEYOR & RENTALS INC	Cole Information Services

2453 ROSEMEAD BLVD

Year	Uses	Source
2014	TRUSTY ENTERPRISES INC	Cole Information Services
	ASIA BUILDING SUPPLY INC	Cole Information Services
1999	TRUSTY ENTERPRISES INCORPORATED	Cole Information Services

2454 ROSEMEAD BLVD

Year	Uses	Source
2014	5 STAR INTERIORS	Cole Information Services
2009	5 STAR INTERIORS	Cole Information Services
2006	5 STAR INTERIORS	Haines Company
2004	5 STAR INTERIORS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	5 STAR INTERIORS	Cole Information Services
	ALLEN PRODUCTS COMPANY	Cole Information Services
	A P C	Cole Information Services
1994	BRIGHT SIGNS	Cole Information Services

2455 ROSEMEAD BLVD

Year	Uses	Source
2009	CARPETS ON WHEELS	Cole Information Services

2456 ROSEMEAD BLVD

Year	Uses	Source
2014	KUHLE	Cole Information Services
	LOPEZ ELECTRIC	Cole Information Services
	MAXWELL PETS & SUPPLIES CO	Cole Information Services
	LA TRANSMISSION PARTS	Cole Information Services
	EUROPEAN AUTOMOTIVE TECHNOLOGY	Cole Information Services

FINDINGS

Year	Uses	Source
2009	EUROPEAN AUTOMOTIVE TECHNOLOGY	Cole Information Services
2006	EUROPEAN	Haines Company
	AUTOMOTIVE	Haines Company
	TECHNOLOGY SOFA BEAUTIFUL	Haines Company
	SRC PRODUCTION	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
	EUROPEAN AUTOMOTIVE TECHNOLOGY INC	Cole Information Services
1999	BUMPER COMPANY THE	Cole Information Services
	CHENS CORPORATION	Cole Information Services
	MAS SEWING INCORPORATED	Cole Information Services
1994	TREMINIO, JUAN	Cole Information Services
	TOPTONE MANUFACTURING INC	Cole Information Services
	ENSENADA AUTO CHROME	Cole Information Services

2458 ROSEMEAD BLVD

Year	Uses	Source
2014	GOLDEN WEST BRASS	Cole Information Services
2009	GOLDEN WEST BRASS INDUSTRY	Cole Information Services
2006	GOOD DEAL	Haines Company
	TRADING COMPANY	Haines Company
1999	CALIF SHELL COMPANY CASKTS	Cole Information Services
1994	CALIFORNIA SHELL	Cole Information Services

2460 ROSEMEAD BLVD

Year	Uses	Source
2014	HOOTER BROTHER ENAMELING	Cole Information Services
2009	HOOTER BROTHERS ENAMELING INC	Cole Information Services
2006	HOOTER BROS	Haines Company
	ENAMELG	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	HOOTER BROTHERS ENAMELING	Cole Information Services
1994	HOOTER BROTHERS ENAMELING	Cole Information Services

2464 ROSEMEAD BLVD

Year	Uses	Source
2009	BOMING CORP	Cole Information Services
	CHOICE IMPORTS CO	Cole Information Services
2006	CHOICETIL CHOICE	Haines Company

FINDINGS

Year	Uses	Source
2006	IMPORTS	Haines Company
2004	CHOICE TIL CHOICE IMPORTS	Cole Information Services
	CHOICE IMPORT TILE	Cole Information Services
1999	IRON MASTERS	Cole Information Services
1994	SISSELLS AUTOMOTIVE	Cole Information Services
	SOLID CONSTRUCTION CO	Cole Information Services

2499 ROSEMEAD BLVD

Year	Uses	Source
2014	A P W KNOXSEEMAN WAREHOUSE INC	Cole Information Services
2009	APW KNOX SEEMAN WAREHOUSE INC	Cole Information Services
2006	SEEMAN WRHS INC	Haines Company
	A P W KNOX	Haines Company
2004	APW KNOX SEEMAN WAREHOUSE INC	Cole Information Services

2500 ROSEMEAD BLVD

Year	Uses	Source
2006	CALMONTE CORP	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	CALMONTE CORPORATION	Cole Information Services

2501 ROSEMEAD BLVD

Year	Uses	Source
2014	ABC DISTRIBUTING	Cole Information Services
2009	CLASSIC MEDICAL TRANSIT CORP	Cole Information Services
	JAMCO DISTRIBUTING CO	Cole Information Services
2006	ABC DISTRIBUTING	Haines Company
2004	DONALD MCNEILL	Cole Information Services
	ABC DISTRIBUTING	Cole Information Services
1999	A B C DISTRIBUTING	Cole Information Services
1994	ABC DISTRIBUTING	Cole Information Services

2509 ROSEMEAD BLVD

Year	Uses	Source
2014	CABINETS & MORE	Cole Information Services
2009	CABINETS & MORE INC	Cole Information Services
2006	ELITE SHOES US	Haines Company
1999	KLESSIG MARINE	Cole Information Services
1994	KLESSIG MARINE	Cole Information Services

FINDINGS

Year	Uses	Source
1994	KLESSIG, MARINE	Cole Information Services

2511 ROSEMEAD BLVD

Year	Uses	Source
2014	HACKNEY INC	Cole Information Services
	BM WOOD PRODUCTS	Cole Information Services
2006	CONDITIONING GWAIR	Haines Company
	G W AIR	Haines Company
	CONDITIONING INC	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	OUTBOARD SERVICE COMPANY	Cole Information Services
1994	OUTBOARD SERVICE CO	Cole Information Services

2521 ROSEMEAD BLVD

Year	Uses	Source
2009	ALVAREZ AUTO CENTER	Cole Information Services
	JOSES AUTO ELECTRIC	Cole Information Services
2006	ALVAREZAUTO	Haines Company
	REPAIR	Haines Company
	ELEC JOSES AUTO	Haines Company
	CENTER ALVAREZAUTO	Haines Company
2004	ALTA AUTO SALES	Cole Information Services
	ALVAREZ AUTO BODY	Cole Information Services
	JOSES AUTO ELECTRIC	Cole Information Services
	FERNANDO SANDOVAL	Cole Information Services
1999	ALVAREZ AUTO CENTER	Cole Information Services
	ALVAREZ AUTO ELECTRIC	Cole Information Services
1994	BEAVER CAMPER CO	Cole Information Services

2526 ROSEMEAD BLVD

Year	Uses	Source
2014	SUNSET LADDER CO	Cole Information Services
2009	BECO TECHNOLOGIES	Cole Information Services
	SUNSET LADDER CO	Cole Information Services
2006	SUNSETLADDER	Haines Company
1999	SUNSET LADDER COMPANY	Cole Information Services
1994	HERTZ PENSKE TRUCK RENTAL	Cole Information Services
	SUNSET LADDER CO	Cole Information Services

FINDINGS

2535 ROSEMEAD BLVD

Year	Uses	Source
2014	RESTAURANT EQUIPMENT	Cole Information Services
2006	SEWING	Haines Company
	TRU LUONG	Haines Company
2004	TRU LUONG SEWING CONTRACTOR	Cole Information Services
1999	TRU LUONG SEWING CONTRACTOR	Cole Information Services
1994	TRU LUONG SEWING CONTRACTOR	Cole Information Services

2541 ROSEMEAD BLVD

Year	Uses	Source
2014	YUMMY RESTAURANT	Cole Information Services
2009	LA CASITA RESTAURANT	Cole Information Services
2006	LACASITA	Haines Company
2004	LA CASITA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	LA CASITA MEXICAN FOOD	Cole Information Services

2543 ROSEMEAD BLVD

Year	Uses	Source
2014	MARIA RIVERA	Cole Information Services
	ELVIRA VEGA	Cole Information Services
	AMADA PINEDA	Cole Information Services
2009	ALICIA HERNANDEZ	Cole Information Services
	MARIA RIVERA	Cole Information Services
	ELVIRA VEGA	Cole Information Services
	JORGE BARRERA	Cole Information Services
2006	V/2 ZAVALETA Pedro	Haines Company
	BARRERAJorge	Haines Company
2004	ALFONSO CRUZ	Cole Information Services
	HELIDA ALMANZA	Cole Information Services
	JORGE BARRERA	Cole Information Services
	ENRIQUE ESCOBAR	Cole Information Services
1999	ELVIRA VEGA	Cole Information Services
	ALICIA HERNANDEZ	Cole Information Services
	MARIA RIVERA	Cole Information Services
	JORGE BARRERA	Cole Information Services
1994	MEDINA, MARIA	Cole Information Services
	MAO, AUN	Cole Information Services
	GONZALEZ, JOSE A	Cole Information Services

FINDINGS

2545 ROSEMEAD BLVD

Year	*Uses*	*Source*
2009	SWAP MEET PRINTING	Cole Information Services
2004	SWAB MEED PRINTING	Cole Information Services
1999	CANO RICARDO	Cole Information Services
1994	GERMAN A PRINTING	Cole Information Services
	PLASCENCIA, JUAN	Cole Information Services

2547 ROSEMEAD BLVD

Year	*Uses*	*Source*
2014	ROSEMEAD TIRES	Cole Information Services
	A & S AUTO ELECTRIC	Cole Information Services
2006	A&SAUTO	Haines Company
	CHEQUETIRES	Haines Company
	ELECTRIC ATM AUTO SALES	Haines Company
2004	ATM AUTO SALES	Cole Information Services
	A & S AUTO ELECTRIC	Cole Information Services
	RODOLFO ESTRADA	Cole Information Services
	CHEQUE TIRES	Cole Information Services
1999	TONYS AUTO ELECTRIC FUELING INJECTION	Cole Information Services
	M & M FUEL INJECTION	Cole Information Services
1994	ALVAREZ AUTO ELECTRIC	Cole Information Services
	AMER SOFTBALL CNTR	Cole Information Services
	G M FUEL INJECTION	Cole Information Services

2550 ROSEMEAD BLVD

Year	*Uses*	*Source*
2009	PEARL CLASSIC	Cole Information Services
	INTERNATIONAL PET & SUPPLY INC	Cole Information Services
2006	SUPPLY C	Haines Company
	INTERNATL PET	Haines Company
2004	INTERNATIONAL PET & SUPPLY CORP	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	INTERNATL PET & SUPPLY CORPORATION	Cole Information Services
	LUCENT TRADING COMPANY	Cole Information Services
1994	INTERNATIONAL PET & SUPPLY	Cole Information Services

FINDINGS

2551 ROSEMEAD BLVD

Year	Uses	Source
2006	No Current Listing	Haines Company

2553 ROSEMEAD BLVD

Year	Uses	Source
2014	CHEFS HAT	Cole Information Services
2009	CHEFS HAT	Cole Information Services
2006	CHEFS HAT	Haines Company
2004	CHEFS HAT	Cole Information Services
	SU WANG	Cole Information Services
1999	CHEFS HAT	Cole Information Services
1994	CHEFS HAT	Cole Information Services

2560 ROSEMEAD BLVD

Year	Uses	Source
2014	CW	Cole Information Services
	C W COLE & CO	Cole Information Services
2009	C W COLE & CO INC	Cole Information Services
2006	COLE LIGHTING	Haines Company
	COLE C W&COINC	Haines Company
2004	COLE C W CO	Cole Information Services
	COLE LIGHTING INC	Cole Information Services
1999	COLE LIGHTING	Cole Information Services
1994	C W COLE & CO	Cole Information Services

2601 ROSEMEAD BLVD

Year	Uses	Source
2009	ROSEFERN MARKET	Cole Information Services
2006	ROSEFERN MKT	Haines Company
2004	ROSEFERN MARKET	Cole Information Services
1999	ROSEFERN MARKET	Cole Information Services
1994	ROSEFERN MARKET	Cole Information Services

2611 ROSEMEAD BLVD

Year	Uses	Source
2014	SATISFACTION STITCHES CORP	Cole Information Services
	A K PACKAGING INC	Cole Information Services
2009	SATISFACTION STITCHES CORP	Cole Information Services
	D & W CONSTRUCTION GROUP	Cole Information Services
2006	STITCHES CORP	Haines Company

FINDINGS

Year	Uses	Source
2006	SATISFACTION	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services

2617 ROSEMEAD BLVD

Year	Uses	Source
2014	ARCHITECTURAL ALUMINUM CLADDING INC	Cole Information Services
2009	AITAL CUSTOM GLASS & MIRROR INC	Cole Information Services
2004	AITAL GLASS & MIRROR	Cole Information Services
1999	ITAL CUSTOM GLASS COMPANY	Cole Information Services
1994	FRICKER GREEN HS	Cole Information Services
	ITAL CUSTOM GLASS CO	Cole Information Services
	GREENHOUSE GROWING SYSTEMS	Cole Information Services

2619 ROSEMEAD BLVD

Year	Uses	Source
2004	LARRY SHAR	Cole Information Services

2620 ROSEMEAD BLVD

Year	Uses	Source
2006	SUPERFOOD	Haines Company
	WAREHOUSE	Haines Company
1999	SUPERFOOD WAREHOUSE	Cole Information Services
	SUPER FOOD WAREHOUSE	Cole Information Services
1994	SBICCA OF CALIFORNIA	Cole Information Services
	168 ACE HARDWARE	Cole Information Services
	DON A WHITE INC	Cole Information Services

2623 ROSEMEAD BLVD

Year	Uses	Source
2004	ARCHITECTURAL ALUMINUM CLDNG INC	Cole Information Services
	ACCESS GLASS & MIRROR INC	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

2627 ROSEMEAD BLVD

Year	Uses	Source
2014	NEW WORLD AUTOMOTIVE	Cole Information Services
2009	SRS AUTOMOTIVE INC	Cole Information Services
2006	S R S AUTOMOTIVE	Haines Company
	S R S AUTOMOTIVE	Haines Company

FINDINGS

Year	Uses	Source
2004	D & K AUTO SALES	Cole Information Services
	SRS AUTOMOTIVE	Cole Information Services
1999	S R S AUTOMOTIVE	Cole Information Services
1994	LEE AUTO SALES	Cole Information Services
	RELIANCE AUTO REPAIR SVC INC	Cole Information Services

2637 ROSEMEAD BLVD

Year	Uses	Source
2014	SUPERIOR PV AUTO BODY SHOP	Cole Information Services
2009	SUPERIOR PV AUTO	Cole Information Services
2006	SUPERIORPVAUTO	Haines Company
	BODY SHOP	Haines Company
2004	SUPERIOR PV AUTO BODY SHOP	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	SUPERIOR TRANSMISSION	Cole Information Services
1999	SUPERIOR TRANSMISSION & REAR END	Cole Information Services
	JONAH SPRING COMPANY	Cole Information Services
1994	SUPERIOR STANDARD TRANSMISSION	Cole Information Services
	SUPERIOR AUTO TRANS	Cole Information Services
	SUPERIOR TRANSMISSION & REAR	Cole Information Services
	JONAH SPRING CO	Cole Information Services

2643 ROSEMEAD BLVD

Year	Uses	Source
2014	ARAVISTA	Cole Information Services
2006	RGS ENTERPRISES	Haines Company
2004	MEND MUSIC	Cole Information Services
	RGS ENTERPRISES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	HORN CYCLE WORKS	Cole Information Services
1999	MARTIN SCHNEIDER DESIGNED SYSTEMS	Cole Information Services
	MSDS	Cole Information Services
1994	MARTIN SCHNEIDER DESIGNED SYST	Cole Information Services

FINDINGS

TROY AVE

2500 TROY AVE

Year	*Uses*	*Source*
2014	AUTOBEST CORP	Cole Information Services
2009	INIAC INC	Cole Information Services
	FASHION ICON	Cole Information Services
	AMKO GRAPHIC & PRINTING INC	Cole Information Services
2006	PRINTING INC INIACINC	Haines Company
	AMKO GRAPHICS	Haines Company
2004	INIAC INC	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	AMKO GRAPHIC & PRINTING	Cole Information Services
1999	BOZZ U S A	Cole Information Services
	KOSCH U S A	Cole Information Services
	AMKO GRAPHIC & PRINTING INCORPORATED	Cole Information Services

2503 TROY AVE

Year	*Uses*	*Source*
2014	SOUTHEAST TRADING LLC	Cole Information Services
2009	AQUANET IMPORT & EXPORT CO	Cole Information Services
	KINGFISHER TRADING CO INC	Cole Information Services
2006	TRADING CO INC	Haines Company
	EXPORT CO KING FISHER	Haines Company
	AQUANET IMPORTS	Haines Company
	TRADING CO INC KING FISHER	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1995	Joy Bean Inc	Pacific Bell
	U Drive	Pacific Bell
	U Gene Trucking Co Pica Riv	Pacific Bell
1994	U DRIVE	Cole Information Services
1960	MORRIS RUSSELL C	Pacific Telephone
	MORRIS RUSSELL C	Pacific Telephone
1957	MUSHINSKIE BEN	Pacific Telephone

2507 TROY AVE

Year	*Uses*	*Source*
1957	LUTTRELL TED	Pacific Telephone

FINDINGS

2509 TROY AVE

Year	Uses	Source
1966	AMAVIZCA CARLOS F	Pacific Telephone

2515 TROY AVE

Year	Uses	Source
2014	JIMMIE TRAN INC	Cole Information Services
2009	T C T FASHION INC	Cole Information Services
	CP APPAREL	Cole Information Services
	OUTERWEAR INC	Cole Information Services
	STARS FASHION	Cole Information Services
	T Y APPAREL INC	Cole Information Services
2006	TCT FASHION INC	Haines Company
	OUTERWEAR INC	Haines Company
	DAISYFASHION	Haines Company
	CPAPPAREL	Haines Company
2004	OUTERWEAR INC	Cole Information Services
	CMC FASHION INC	Cole Information Services
	DAISY FASHION	Cole Information Services
1999	LIVE & LET LIVE APPAREL	Cole Information Services
	98 PLUS FASHION	Cole Information Services
	Q-AMBIENT WEAR	Cole Information Services
	ELITE SEWING	Cole Information Services
	DAYTON FASHION	Cole Information Services
1995	Trays Fashions	Pacific Bell
	Pacific Intertrade Co	Pacific Bell
1994	STAR	Cole Information Services
	99 FASHION	Cole Information Services
	LA CONCEPTION INTL	Cole Information Services
	JETTEX INTERNATL	Cole Information Services
	TROYS FASHIONS	Cole Information Services
1960	BONILLAS L A	Pacific Telephone
1957	BONILLAS L A	Pacific Telephone

2516 TROY AVE

Year	Uses	Source
2014	MONA MIA COLLEZIONE	Cole Information Services
	SUCCESSFUL STITCH INC	Cole Information Services
	IDESIGN FASHION INC	Cole Information Services
	G2 SUPPLIES	Cole Information Services

FINDINGS

Year	Uses	Source
2014	GREEN FASHION APPAREL INC	Cole Information Services
2009	UWT TRADING INC	Cole Information Services
	SUCCESSFUL STITCH INC	Cole Information Services
	ONE WORLD TRADING INC	Cole Information Services
	SM PRINTING	Cole Information Services
	BINH FASHION	Cole Information Services
	MONA MIA COLLEZIONE	Cole Information Services
	MK GARMENT	Cole Information Services
	MIA MONA	Cole Information Services
	AMERICAN EVER FAITH TRADING	Cole Information Services
2006	FASHION INC UWTTRADING INC	Haines Company
	FASHION INC SPEEDWAY	Haines Company
	CO LULUANOR	Haines Company
	GQ SPACEMASTER	Haines Company
	BINH FASHION	Haines Company
2004	SM PRINTING	Cole Information Services
	KL CO	Cole Information Services
	MAX WELD INC	Cole Information Services
	SPEED WAY FASHION INC	Cole Information Services
	UNIWORLD TRADING CO	Cole Information Services
	AMERICAN EVERFAITH TRADING INC	Cole Information Services
	D MAXWELL	Cole Information Services
1999	L & W FASHION	Cole Information Services
	YEE FU GARMENT FACTORY INCORPORATED	Cole Information Services
	KO JOHN FASION	Cole Information Services
	UNIWORLD TRADING COMPANY	Cole Information Services
	G P FASHION	Cole Information Services
	C & T FASHION	Cole Information Services
	MIA MONA	Cole Information Services
	J ZHANG TRADING COMPANY	Cole Information Services
	LIQI INTERNATIONAL ECONOMIC DEVELOPMENT INCORPORATED	Cole Information Services
1995	Silver Garment Co	Pacific Bell
	Q Ambient Wear	Pacific Bell
	Maxson C	Pacific Bell
	Maxsilk	Pacific Bell
	Kenny Fashions	Pacific Bell
	Amko Studio	Pacific Bell

Year	Uses	Source
1995	Hesperus Inc	Pacific Bell
1994	N A C C INTL INC	Cole Information Services
	SILVER GARMENT CO	Cole Information Services
	KENNY FASHIONS	Cole Information Services
	MAXSILK	Cole Information Services
	AMKO STUDIO	Cole Information Services
1960	MERRITT CHAS E	Pacific Telephone
1957	MERRITT CHAS E	Pacific Telephone

2517 TROY AVE

Year	Uses	Source
1960	WALKER RAY E	Pacific Telephone
	WALKER PAULA J	Pacific Telephone
1957	MARTIN DAVID L	Pacific Telephone

2522 TROY AVE

Year	Uses	Source
1957	HARRIS JONES L	Pacific Telephone

2531 TROY AVE

Year	Uses	Source
2014	LTK FASHION INC	Cole Information Services
2009	L T FASHION	Cole Information Services
2006	TD APPAREL	Haines Company
2004	FANG INTERNATIONAL INC	Cole Information Services
	TD APPAREL	Cole Information Services
	P & A FASHION	Cole Information Services
1999	L & L FASHION	Cole Information Services
	VINCE FASHION	Cole Information Services
1995	Prime Image Co	Pacific Bell
1994	FRENCH CROISSANT CALIFORNIA	Cole Information Services
	PRIME IMAGE CO	Cole Information Services
1980	HELWIG WAYNE TROY AVE SOUTH EL MONTE	Pacific Telephone
	LANTERN KENNEL TROY AVE SOUTH EL MONTE	Pacific Telephone
1975	HELWIG WAYNE	Pacific Telephone
	LANTERN POMERANIAN KENNEL	Pacific Telephone
1966	LITTLEWOOD HADLEY D	Pacific Telephone

FINDINGS

2532 TROY AVE

Year	Uses	Source
1975	SHERIDAN A H	Pacific Telephone
1966	SHERIDAN AVA	Pacific Telephone
1957	METCALF RUTH	Pacific Telephone

2535 TROY AVE

Year	Uses	Source
2014	JUSTO DELACRUZ	Cole Information Services
	LACRUZ DE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	JOEL RAMIREZ	Cole Information Services
	BENITO RAMOS	Cole Information Services
	FRANCISCO TORRES	Cole Information Services
2009	NICOLASA DELACRUZ	Cole Information Services
	FRANCISCO PEREZ	Cole Information Services
	LACRUZ DE	Cole Information Services
2006	LARA Maria	Haines Company
	TORRES Francisco	Haines Company
2004	MARIA LARA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	NICOLASA DELACRUZ	Cole Information Services
	FRANCISCO PEREZ	Cole Information Services
	LACRUZ DE	Cole Information Services
1966	GUTIERREZ EFRAIN	Pacific Telephone

2536 TROY AVE

Year	Uses	Source
1995	Artistic Dyers Inc	Pacific Bell
	ARTIS TIC E LE GAN CE PHOTOGRAPHY	Pacific Bell
1980	VELASCO GILBERTO TROY AVE SOUTH EL MONTE	Pacific Telephone
1966	NASH ROSA MRS	Pacific Telephone

2537 TROY AVE

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2004	F GAMBOA	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1995	Archiladose P	Pacific Bell

FINDINGS

Year	Uses	Source
1994	ARCHILA, JOSE P	Cole Information Services
	SAAVEDRA, GUSTAVO	Cole Information Services
1985	MURO ERENDIRO	Pacific Bell
1980	FLORES JESUS TROY AVE SOUTH EL MONTE	Pacific Telephone
1975	MURO ALBERTO	Pacific Telephone

2539 TROY AVE

Year	Uses	Source
2006	No Current Listing	Haines Company
2004	JUAN ALCALA	Cole Information Services
1995	Martinez Juan Jose Remedies	Pacific Bell
1994	GARCIA, MARCO A	Cole Information Services
1980	ALAS LUCRECIA TROY AVE SOUTH EL MONTE	Pacific Telephone
1975	BECERRA UBALDO	Pacific Telephone
1960	ALVITRE ALBERT P	Pacific Telephone
1957	ALVITRE ALBERT P	Pacific Telephone

2542 TROY AVE

Year	Uses	Source
2014	KINARY INC	Cole Information Services
2009	ARTISTIC DYERS INC	Cole Information Services
2006	ARTISTIC DYERS	Haines Company
2004	JOSE DESILVA	Cole Information Services
	ARTISTIC DYERS INC	Cole Information Services
1999	ARTISTIC DYERS INCORPORATED	Cole Information Services
1994	ARTISTIC DYERS INC	Cole Information Services
1980	CISNEROS ALFREDO TROY AVE SOUTH EL MONTE	Pacific Telephone
1975	HERNANDEZ M	Pacific Telephone
1966	KOENKE WALTER W	Pacific Telephone
1957	KOENKE WALTER W	Pacific Telephone

2545 TROY AVE

Year	Uses	Source
1976	Maloney Process	Pacific Telephone
1975	SARAN LINED PIPE CO	Pacific Telephone
	MALONEY PRESS	Pacific Telephone
	MALONEY PROCESS	Pacific Telephone

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2549 TROY AVE

Year	*Uses*	*Source*
1960	GARCIA FRANK J	Pacific Telephone
1957	GARCIA FRANK J	Pacific Telephone

2551 TROY AVE

Year	*Uses*	*Source*
2004	OCCUPANT UNKNOWN	Cole Information Services
1975	FORDE MARGARET	Pacific Telephone

2552 TROY AVE

Year	*Uses*	*Source*
2014	GPV ROLL OFF SERVICE	Cole Information Services
2006	GPV ROLL OFF	Haines Company
	SERVICE	Haines Company
2004	GPV ROLL OFF SERVICE	Cole Information Services
1999	GPV ROLL OFF SERVICE	Cole Information Services
1995	GPV Roll Off Service	Pacific Bell
1994	GPV ROLL OFF SVC	Cole Information Services
1985	ADVANCE RUBBISH CO	Pacific Bell
1966	J & R PUMP SERVICE	Pacific Telephone
	DURHAM JOHN R SEWER CO	Pacific Telephone
1957	CRAWFORD C T	Pacific Telephone

2557 TROY AVE

Year	*Uses*	*Source*
2014	SAFEWAY WELDING	Cole Information Services
2009	NEW STEEL INC	Cole Information Services
	SAFEWAY WELDING INC	Cole Information Services
2006	SAFEWAYWELDING	Haines Company
2004	FU HSIEH	Cole Information Services
	NEW STEEL INC	Cole Information Services
1999	SAFEWAY WELDING	Cole Information Services
1995	Safeway Welding	Pacific Bell
1994	R I S E STEEL CO	Cole Information Services
	SAFEWAY WELDING	Cole Information Services
1975	TROY ENGINEERING SERVICE SOUTH EL MONTE	Pacific Telephone
1966	TROY ENGINEERING SERV	Pacific Telephone
	SERWTRONIC INSTRUMENTS	Pacific Telephone
1957	VAIL FRANCIS M	Pacific Telephone

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2558 TROY AVE

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	JORGE YESCAS	Cole Information Services
2006	No Current Listing	Haines Company
2004	EZEQUIEL CRISANTO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JORGE YESCAS	Cole Information Services
1980	ZARATE ALFREDO G TROY AVE SOUTH EL MONTE	Pacific Telephone
1960	DAVISON EDNA MRS	Pacific Telephone
1957	DAVISON EDNA MRS	Pacific Telephone

2560 TROY AVE

Year	Uses	Source
1999	ROSAURA ROBLES	Cole Information Services
1980	REYES JUAN TROY AVE SOUTH EL MONTE	Pacific Telephone
1960	BANK OF WHITTIER SEE CITIZENS NATIONAL BANK BANK PEGGY	Pacific Telephone

2561 TROY AVE

Year	Uses	Source
2014	ERICK ZELAYA	Cole Information Services
2009	JOHN PINEDA	Cole Information Services
2006	a PINEDAFred	Haines Company
2004	JOHN PINEDA	Cole Information Services
1999	JOHN PINEDA	Cole Information Services
1995	Plneda John C	Pacific Bell
1994	PINEDA, JOHN C	Cole Information Services
1985	PINEDA JOHN C	Pacific Bell
1980	PINEDA JOHN C TROY AVE SOUTH EL MONTE	Pacific Telephone
1975	PINEDA JOHN C	Pacific Telephone
1966	PINEDA JOHN C	Pacific Telephone

2606 TROY AVE

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	JOHNNY LU	Cole Information Services
2006	LIJun Sheng	Haines Company
	PHUNam	Haines Company

Year	Uses	Source
2004	PHU TRIEU	Cole Information Services
	NAM PHU	Cole Information Services
	JUN LI	Cole Information Services
1999	JOHNNY LU	Cole Information Services

2607 TROY AVE

Year	Uses	Source
1994	WAFFLE SERVICE CO	Cole Information Services
1985	WAFFLE SERVICE CO	Pacific Bell
1980	WAFFLE SERVICE CO TROY AVE EL MONTE	Pacific Telephone
1960	HUBER JULIA	Pacific Telephone
1957	HUBER JULIA	Pacific Telephone

2608 TROY AVE

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	ERIC LY	Cole Information Services
2006	No Current Listing	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ERIC LY	Cole Information Services
1975	FLORES HERLINDA C	Pacific Telephone
1966	FLORES HERLINDA C	Pacific Telephone
1960	FLORES HERLINDA C	Pacific Telephone

2610 TROY AVE

Year	Uses	Source
2014	KECK & SCHMIDT TOOL & DIE	Cole Information Services
2009	KECK & SCHMIDT TOOL & DIE CORP	Cole Information Services
2006	TOOL&DIE CO	Haines Company
	KECKAND SCHMIDT	Haines Company
2004	KECK & SCHMIDT OOL & DIE CORP	Cole Information Services
1999	KECK AND SCHMIDT TOOL AND DIE COMPANY	Cole Information Services
1995	Keck Terrance S Mad	Pacific Bell
	KE CK AN D S CHMIDT TOOL AN D DIE CO	Pacific Bell
1994	KECK & SCHMIDT TOOL & DIE SHOP	Cole Information Services
1985	KECK AND SCHMIDT TOOL AND DIE SHOP	Pacific Bell

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2613 TROY AVE

Year	Uses	Source
1966	AMADOR DAVID G SR	Pacific Telephone
1960	AMADOR DAVID G SR	Pacific Telephone

2614 TROY AVE

Year	Uses	Source
2014	KECK & SCHMIDT TOOL & DIE	Cole Information Services
1975	WELLS C M	Pacific Telephone

2619 TROY AVE

Year	Uses	Source
1960	KING VELMA	Pacific Telephone
1957	KING VELMA	Pacific Telephone

2622 TROY AVE

Year	Uses	Source
1999	OCCUPANT UNKNOWN	Cole Information Services
1975	SMITH DAISY M	Pacific Telephone
1966	SMITH DAISY M	Pacific Telephone
1960	SMITH DAISY M MRS	Pacific Telephone
1957	SMITH DAISY M MRS	Pacific Telephone

2625 TROY AVE

Year	Uses	Source
2014	JML GARDEN PRODUCE	Cole Information Services

2628 TROY AVE

Year	Uses	Source
2014	MARMOLEJO JUANA	Cole Information Services
	JAIR CHINCHABEL	Cole Information Services
	MARIA LEMAS	Cole Information Services
	CESAR OBREGON	Cole Information Services
2009	SERGIO OBREGON	Cole Information Services
	ROGELIO SALINAS	Cole Information Services
2006	No Current Listing	Haines Company
2004	SERGIO OBREGON	Cole Information Services
	ANTELMO MAGUCHA	Cole Information Services
1999	SERGIO OBREGON	Cole Information Services
1994	OBREGON, SERGIO	Cole Information Services

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2629 TROY AVE

Year	Uses	Source
2014	LUUS TRADING INC	Cole Information Services
2009	LUUS TRADING INC	Cole Information Services
2004	M ESQUIVIAS	Cole Information Services
1994	PEREZ, JESUS R	Cole Information Services

2630 TROY AVE

Year	Uses	Source
2014	CATALINA CASTANON	Cole Information Services
2009	CATALINA CASTANON	Cole Information Services
2006	CASTANON Catalina	Haines Company
2004	CATALINA CASTANON	Cole Information Services
1999	C CASTANON	Cole Information Services
1994	SANCHEZ, ROBERTO	Cole Information Services

2632 TROY AVE

Year	Uses	Source
2014	XIANGYI MENG	Cole Information Services
2006	GALEAS Jose	Haines Company
2004	JOSE GALEAS	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services

2633 TROY AVE

Year	Uses	Source
2009	DOS FASHIONS	Cole Information Services
2006	SMC PARIS INC	Haines Company
2004	CPE IMPORT & EXPORT	Cole Information Services
	YUNGTAI HSU	Cole Information Services
	CPF IMPORT & EXPORT	Cole Information Services
1966	DAWSON WARREN B INTERIOR DESIGN WORKSHOP	Pacific Telephone
1960	STEWART RICHARD L	Pacific Telephone

2634 TROY AVE

Year	Uses	Source
2009	ELAINE HERNANDEZ	Cole Information Services
2006	No Current Listing	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ELAINE HERNANDEZ	Cole Information Services
1960	EVANS LEON	Pacific Telephone

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2636 TROY AVE

Year	Uses	Source
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services

2638 TROY AVE

Year	Uses	Source
2014	ROSALINDA RODRIGUEZ	Cole Information Services
2009	ROSALINDA RODRIGUEZ	Cole Information Services
2006	No Current Listing	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	R RODRIGUEZ	Cole Information Services
1966	STEWART RACK CO	Pacific Telephone
1960	STEWART RACK CO	Pacific Telephone

2639 TROY AVE

Year	Uses	Source
2009	DEEP BLUE MEDICAL TECHNOLOGY	Cole Information Services
	E Z PRINTING & GRAPHIC DESIGN	Cole Information Services
	ADOBE PRINTING	Cole Information Services
	GRAPHICNET COMMUNICATION INC	Cole Information Services
2004	FRANK SMITH	Cole Information Services
1999	SMITH FRANK S MASN CONTRACTOR	Cole Information Services
1994	FRANK SMITH MASONRY INC	Cole Information Services
	SMITH, FRANK S	Cole Information Services
1985	SMITH FRANK S MASN CONTR	Pacific Bell
1980	SMITH FRANK S MASN CONTR TROY AVE SOUTH EL MONTE	Pacific Telephone

2640 TROY AVE

Year	Uses	Source
2009	ELECTROPLATE RACK CO	Cole Information Services
2006	ELECTROPLATE	Haines Company
2004	ELETROPLATE RACK CO	Cole Information Services
	ROSALINDA ROBLES	Cole Information Services
1999	ELECTROPLATE RACK COMPANY	Cole Information Services
	R ROBLES	Cole Information Services
1994	ELECTROPLATE RACK CO	Cole Information Services
1975	STEWART RACK CO	Pacific Telephone

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2535 1/2 TROY AVE

Year	*Uses*	*Source*
1975	DIAZ CRISTOBAL A	Pacific Telephone
	RAMIREZ SAN GABRIELRIEL	Pacific Telephone
1966	PENA ADRIAN	Pacific Telephone

2535 1/4 TROY AVE

Year	*Uses*	*Source*
1985	RICO ROMAN & FRANCIS	Pacific Bell

2613 1/2 TROY AVE

Year	*Uses*	*Source*
1985	RAMIREZ SARA	Pacific Bell

2628 1/2 TROY AVE

Year	*Uses*	*Source*
1985	CAMACHO ANA	Pacific Bell

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
2353 ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2447 ROSEMEAD BLVD	2014, 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2450 N ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2450 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2450 ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2453 ROSEMEAD BLVD	2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2454 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2454 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2455 ROSEMEAD BLVD	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2456 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2456 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2458 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2458 ROSEMEAD BLVD	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2460 N ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2460 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2460 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2464 N ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2464 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2464 ROSEMEAD BLVD	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2499 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2499 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2500 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2500 ROSEMEAD BLVD	2014, 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2500 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2500 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2501 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2501 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2503 TROY AVE	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2503 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2507 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2509 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2509 ROSEMEAD BLVD	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2509 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2511 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2511 ROSEMEAD BLVD	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2515 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2515 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2516 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2516 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2517 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2521 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2521 ROSEMEAD BLVD	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2522 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2526 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2526 ROSEMEAD BLVD	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2531 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2531 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2532 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2535 1/2 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2535 1/4 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2535 N ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2535 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2535 ROSEMEAD BLVD	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2535 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2535 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2536 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2537 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2537 TROY AVE	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2539 TROY AVE	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2539 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2541 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2541 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2542 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2542 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2543 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2543 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2545 ROSEMEAD BLVD	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2545 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2547 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2547 ROSEMEAD BLVD	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2549 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2550 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2550 ROSEMEAD BLVD	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2551 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2551 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2551 TROY AVE	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2552 TROY AVE	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2552 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2553 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2553 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2557 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2557 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2558 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2558 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2560 N ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2560 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2560 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2560 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2560 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2561 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2561 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2601 ROSEMEAD BLVD	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2601 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2606 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2606 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2607 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2607 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2608 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2608 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2610 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2610 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2611 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2611 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2613 1/2 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2613 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2614 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2614 TROY AVE	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2617 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2619 ROSEMEAD BLVD	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2619 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2620 N ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2620 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2620 ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2622 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2622 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2623 ROSEMEAD BLVD	2014, 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2625 TROY AVE	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2627 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2627 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2628 1/2 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2628 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2628 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2629 TROY AVE	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2630 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2630 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2632 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2632 TROY AVE	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2633 TROY AVE	2014, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2633 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2634 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2634 TROY AVE	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2636 TROY AVE	2014, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2637 N ROSEMEAD BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2637 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2637 ROSEMEAD BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2638 TROY AVE	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2638 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2639 TROY AVE	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2639 TROY AVE	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2640 TROY AVE	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2640 TROY AVE	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2643 ROSEMEAD BLVD	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2643 ROSEMEAD BLVD	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9321 FERN ST	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9321 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9327 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9327 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9328 FERN ST	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
9328 FERN ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9329 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9329 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9347 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9347 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9348 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9348 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9350 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9350 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9355 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
9355 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9357 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9357 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9358 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9358 FERN ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9359 FERN ST	2014, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9359 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9360 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9360 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9361 FERN ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9361 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
9364 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9366 FERN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9366 FERN ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9367 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9367 FERN ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9369 FERN ST	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9369 FERN ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9373 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9373 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9374 FERN ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
9374 FERN ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9375 FERN ST	2014, 2009, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9375 FERN ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
9376 FERN ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
2540 Rosemead Boulevard	2003, 2001, 2000, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

Appendix F AGENCY RECORDS

The permit will expire if work is not started within 180 days of issuance or if the work is abandoned or suspended for 180 days.

CITY OF SOUTH El MONTE

1415 Santa Anita Avenue
South El Monte, CA 91733
Hours: 7:00 a.m. to 4:00 p.m.
Monday - Thursday
Inspection Request: (626) 579-6540

BUILDING PERMIT APPLICATION

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (SEC. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to provisions of the Contractors License Law (Chapter 9 (commencing with Sec. 7000) of Div. 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.).

☐ I as owner of the property, or my employees with wages as their sole compensation will do the work, and the structure is not intended or offered for sale (Sec 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with a licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who

☐ I am exempt under Section ______________ B.&P.C. for this reason

Signature of Applicant or Agent ______ Date ______

LICENSED CONTRACTORS DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Signature of Applicant or Agent ______ Date ______

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☒ I have and will maintain a certificate of consent of self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☒ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: state national services

Policy No.: 5413531

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Sec. 3700 of the Labor Code, I shall forthwith comply with those provisions.

Signature of Applicant or Agent ______ Date ______

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UN-LAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ______

Lender's Address ______

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature] 10-31-13

Signature of Applicant or Agent ______ Date ______

Field	Value
SITE ADDRESS	2559 N. chico Ave
ASSESSOR PARCEL NUMBER — BOOK / PAGE / PARCEL	
ADDITIONAL INFORMATION / LEGAL DESCRIPTION	
PROPERTY OWNER	swap A lot
MAILING ADDRESS	2559 N. chico Ave
CITY / STATE / ZIP	S. El Monte / CA / 91733
PHONE NUMBER	818 3462499
PRINCIPAL DESIGNER'S NAME / LICENSE NO.	
ADDRESS	
CITY / STATE / ZIP	
PHONE NUMBER	
APPLICANT / CONTACT PERSON	Aviva Shetrit
PHONE NUMBER	(818) 346-2499
CONTRACTOR'S NAME	united fire services inc
ADDRESS	8110 Remmet ST #10
CITY / STATE / ZIP	canoga Park / CA / 91304
PHONE NUMBER	818 346-2499
LICENSE CLASS / LICENSE NUMBER / EXPIRATION DATE	C-16 / 822177 / 7-31-15

E-1878

DESCRIPTION OF WORK: Install Hood Fire suppression system

Field	Value
OCC. GROUP / TYPE(S) OF CONSTRUCTION / NO. OF STORIES	
SQUARE FOOTAGE	
FIRE SPRINKLERS	YES ☐ NO ☐
STATISTICAL CLASSIFICATION NO. / UNIT(S) / CODE IN EFFECT	
SPECIAL CONDITIONS / PLANNING FILE NO.	
INITIAL VALUATION	$ 16,000
REVISED VALUATION	61,500
PLAN CHECK FEE	
ADDITIONAL PLAN CHECK FEES	$
PLAN CHECK NO. / INITIALS / DATE	021561 / CC / 10/31/13
ADDITIONAL PLAN CHECK NO. / INITIALS / DATE	

EXPIRED JUN 20 2017 BUILDING DEPT.

- ☐ SCHOOL FEES PAID
- ☐ SANITATION DIST. PAID
- ☐ PUBLIC WORKS FEES PD
- ☐ ______
- ☐ ______
- ☐ HEALTH DEPT. APPROVAL
- ☐ FIRE DEPT. APPROVAL
- ☐ SCAQMD
- ☐ INDUSTRIAL WASTE APR.
- ☐ OSHA PERMIT OBTAINED

Fee	Amount
BUILDING PERMIT FEE	$
ISSUANCE FEE	$
SMIP FEE	$
	$
	$
	$
TOTAL BUILDING PERMIT FEE	$

PERMIT NO.	INITIALS	DATE
	CK NO.	
FINALED BY		DATE

NO.	INSPECTION	DATE	INSPECTOR
	REQUIRED BUILDING INSPECTIONS AND APPROVALS		
B1	Location and setbacks		
B2	Soils Engineer's Approval		
B3	Foundation/Trench forms		
B4	Structural concrete slab on grade		
B5	Raised floor framing		
B6	Under floor insulation		
B7	First level floor sheathing		
B8	Second level floor sheathing		
B9	Third level floor sheathing		
B10	Roof sheathing		
B11	Concrete block		
	1st Grout lift		
	2nd Grout lift		
	3rd Grout lift		
	4th Grout lift		
B12	Steel framing		
B13	Fire Dept frame inspection		
B14	Building Dept. frame inspection		
B15	Fire sprinkler hangers		
B16	Insulation/weather stripping		
B17	Interior lath and/or drywall		
B18	Exterior lath		
B19	Rated Opening Protection		
B20	Rated wall assemblies		
B21	Rated Opening Protection		
B22	Rated shaft Construction		
B23	T-bar ceilings		
B24	Lot drainage		
B25	Planning Dept. Approval		
B26	Fire Dept. Approval		
B27	Public Works Dept. Approval		
B28	Final Building inspection approval		

DESCRIBE COMPLETELY THE INTENDED USE OF ALL SPACE APPLICABLE TO THIS BUILDING PERMIT:

The following statement must be signed by the Building owner.

(When approved by the Building Official, the owner's agent may sign for permits other than the initial or shell building permit.)

Will the applicant of future building occupant handle a hazardous material or mixture containing a hazardous material equal to or greater than the amounts specified on the hazardous materials information guide?

☐ YES ☐ NO

If the answer to the question was yes, will the proposed building or modified facility be within 1000 feet of the outer boundary of a school?

☐ YES ☐ NO

Will the intended use of the building by the applicant or future building occupant require a permit for construction or modification from the South Coast Air Quality Management District (SCAQMD)? (See permitting checklist for guidelines.)

☐ YES ☐ NO

I have read the hazardous material information guide and the SCAQMD permitting checklist. I understand my requirement under the State of California Health and Safety Code Section 25505,25533, and 25534 concerning hazardous materials reporting.

☐ OWNER ☐ AGENT

NAME ______________________ SIGNATURE ______________________

INSPECTION NOTES:

E-1879

BUILDING DEPARTMENT IS OPEN
BETWEEN 8:00 to 11:30 A.M.
FOR PERMITS

CITY OF SOUTH EL MONTE

OCCUPANCY PERMIT APPLICATION

Proposed Occupant (D.B.A.): Bratcher Enterprises Chico Concession Co, Inc.

Building Address: 2559 Chico

Telephone: 448-2810

Former Business Address:

Telephone:

DESCRIPTION OF USE

Business Hours: 6:30 AM To ~~4 PM~~ 2 AM.

Describe Use: Concession stand for drive In Theatre

What raw materials are utilized? N A

What machinery or tools are utilized? N A

Explain process from raw material to finished product: N A

Will there be a discharge of industrial waste? None

Describe noise and odor from use: None

Describe any unusual or excessive factors: None

SITE PLAN

On the attached 8½" x 11" graph paper, provide a site plan showing lot and buildings and how you will use property.

The information contained herein is true and correct to the best of my knowledge and belief.

Nov 22 82
DATE

Carl A Bratcher
SIGNATURE

E-1880

PRINT OR TYPE NAME

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number ________ Lic. Class ________

Contractor ________ Date ________

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

- ☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).
- ☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).
- ☐ I am exempt under Sec. ________ B. & P.C. for this reason

____

Date ________ Owner ________

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C)

Policy No. ________ Company ________

- ☐ Certified copy is hereby furnished.
- ☐ Certified copy is filed with the county building inspection department.

Date ________ Applicant ________

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date ________ Applicant ________

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name ________

Lender's Address ________

I certify that I have read this application and state that the above information is correct. I agree to comply with all County ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes

X Jin-Long Tsai 11-6-84

Signature of Permittee Date

MISCELLANEOUS APPLICATION

CITY OF South El Monte.

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	
Building Address	2559 N. Chico Ave.
Locality	
Nearest Cross St.	Garvey Ave & Rosemead BL.
Legal Description	Lot No. 29 portion of 30 — Block
Tract	621 — No. of Bldgs. Now on Lot: 3
Size of Lot	13 acres — Use of Existing Bldg.: Snack Bar, projection Room
Owner	JIN-LONG TSAI
Mail Address	1130 palomar Rd.
City	San Marino — Tel. No. (818) 79?-3640
Architect or Engineer	Lic. No.
Address	
City	Tel. No.

APPLICATION FOR

- Trailer Use ☐
- Geology Inspection ☐
- Occupancy Inspection ☒
- Safety Permit ☐ (List Items Below)

Size of Existing Bldg.	projection Room 500 ft² / office 100 ft² / Snack Bar 14 X 70 — No. of Stories: 1
Present Use of Bldg.	Snack Bar, office, projection Room
No. of Existing Bldgs. on Lot and Use	—
No. of Parking Spaces Provided	400
Proposed Use of Bldg.	Snack Bar, office, projection Room
Proposed Max. Occ.	

E-1881

Building Address	2559 Chico Avenue
Locality	SEM
Nearest Cross St.	Garvey
District No.	5.04
Group	
Type Const.	V
Processed By	Jarres
Map No.	132-269
Use Zone	M
Special Conditions	

Occupancy Group ________

Occupant Load ________

Exit Hardware:
- No Spec. Knowl. ☐
- Panic Devices ☐

No. of Exits ________

Parking Spaces: Required ________ Provided ________

LIMITED TIME USE

Date From: ________ Date To: ________

Inspector's Signature

FINAL APPROVAL [signature] 3/13

P.C. Fee $	Permit Fee $ 54.00
	Issuance Fee $ 8.50
	Total Fee $ 62.50

PLAN CHECK VALIDATION

CK. CASH M.O.

PERMIT VALIDATION 04405

#62.50

CK. (CASH) M.O

11/8/84

ccv

PLANS TO APPLICANT				
To:		Returned		Approved
No.	Date	No.	Date	

Approvals	Required		Date Received or Approved
	Yes	No	
Water Certificate			
Health Department			
Fire Department			
Grading			
Geological			
Pedestrian Protection (Fence) (Canopy)			
Special Inspection (Conc.) (Masonry) (Welding)			
Lot Drainage			
Parking			

Approvals	Date	Inspector's Signature
Location — (Setback & Yards)		
Foundations		
Slab		
Frame		
Energy Insulation		
Lath/Drywall — Interior		
Lath — Exterior		
House Number — Correct & Posted		
Final — Enter on Front		

INSPECTOR'S NOTES

E-1882

$62.50

MISCELLANEOUS APPLICATION

1008 1

CITY OF

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number________ Lic. Class________

Contractor________ Date________

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec.________, B. & P.C. for this reason

Date________ Owner________

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C).

Policy No.________ Company________

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the county building inspection department.

Date________ Applicant________

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date________ Applicant________

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name________

Lender's Address________

I certify that I have read this application and state that the above information is correct. I agree to comply with all County ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

Carl A Bratcher — Nov 22-82

Signature of Permittee — Date

FOR APPLICANT TO FILL IN (PRINT OR TYPE)

Building Address	2559 N. Chico Ave
Locality	So. El Monte CA.
Nearest Cross St.	Chico + Garvey Ave.
Legal Description — Lot No.	29 - 30
Block	
Tract	621
No. of Bldgs. Now on Lot	
Size of Lot	600' - 630'
Use of Existing Bldg.	Concessions
Owner	Carl + Ford Bratcher
Mail Address	2559 N. Chico Ave.
City	So. El Monte
Tel. No.	(213) 448-2810
Architect or Engineer	
Lic. No.	
Address	
City	
Tel. No.	

APPLICATION FOR

Trailer Use ☐ Geology Inspection ☐

Occupancy Inspection ☒

Safety Permit ☐ (List Items Below)

Size of Existing Bldg.	64' x 90'
No. of Stories	1
Present Use of Bldg.	Concessions
No. of Existing Bldgs. on Lot and Use	3 Concession - Proj - Storage
No. of Parking Spaces Provided	1194
Proposed Use of Bldg.	Sale of food and Second Dealer
Proposed Max. Occ.	

E-1883

Building Address	2559 Chico
Locality	So. El Monte
Nearest Cross St.	~~Chico~~ Garvey
District No	5.04
Group	
Type Const.	V
Processed By	[signature]
Map No.	
Use Zone	
Special Conditions	

Occupancy Group ________

Occupant Load ________

Exit Hardware: No. Spec. Knowl. ☐ Panic Devices ☐

No. of Exits ________

Parking Spaces: Required ________ Provided ________

LIMITED TIME USE

Date From:	Date To:

Inspector's Signature

FINAL APPROVAL	3/9/83	[signature]
P.C. Fee $	Permit Fee $	54.00
	Issuance Fee $	8.50
	Total Fee $	62.50

PLAN CHECK VALIDATION

CK. CASH M.O.

01835

PERMIT VALIDATION

CK. CASH

check 22

$62.50

12/9/82

INSPECTOR COPY

PLANS TO APPLICANT				
To:		Returned		Approved
No.	Date	No.	Date	

Approvals	Required Yes	Required No	Date Received or Approved
Water Certificate			
Health Department			
Fire Department			
Grading			
Geological			
Pedestrian Protection (Fence) (Canopy)			
Special Inspection (Conc.) (Masonry) (Welding)			
Lot Drainage			
Parking			

Approvals	Date	Inspector's Signature
Location — (Setback & Yards)		
Foundations		
Slab		
Frame		
Energy Insulation		
Lath/Drywall — Interior		
Lath — Exterior		
House Number — Correct & Posted		
Final — Enter on Front		

INSPECTOR'S NOTES

E-1884

CITY OF SOUTH EL MONTE
OCCUPANCY PERMIT APPLICATION

Proposed Occupant (D.B.A.): Swap-A-Lot, Inc. (Starlite drive-In Theatre)
Building Address: 2559 N. Olive Ave, South El Monte, CA 91733
Telephone (818) 448-2810

DESCRIPTION OF USE

Business Hours: 6:30 pm to 12:30 AM Seven days a week
6:00 AM to 4:00 pm Sunday ~ Saturday
Describe Use: Drive-In Theatre & Swap Meet

What raw materials are utilized? ~~food~~ packaged food

Description and number of machines and tools utilized? ~~none~~ Refrigerator & microwave oven Coke machine

Explain process from raw material to finished product: none

Will there be a discharge of Industrial Waste? none
Describe noise and odor from use: none

Describe any unusual or excessive factors: None

SITE PLAN

**On the attached 8½ x 11 graph paper, provide a fully dimensioned site plan (building size, lot size, work area, aisle width, office, storage, restroom facilities, proposed alterations, etc.).

The information contained herein, to the best of my knowledge, is true and correct.

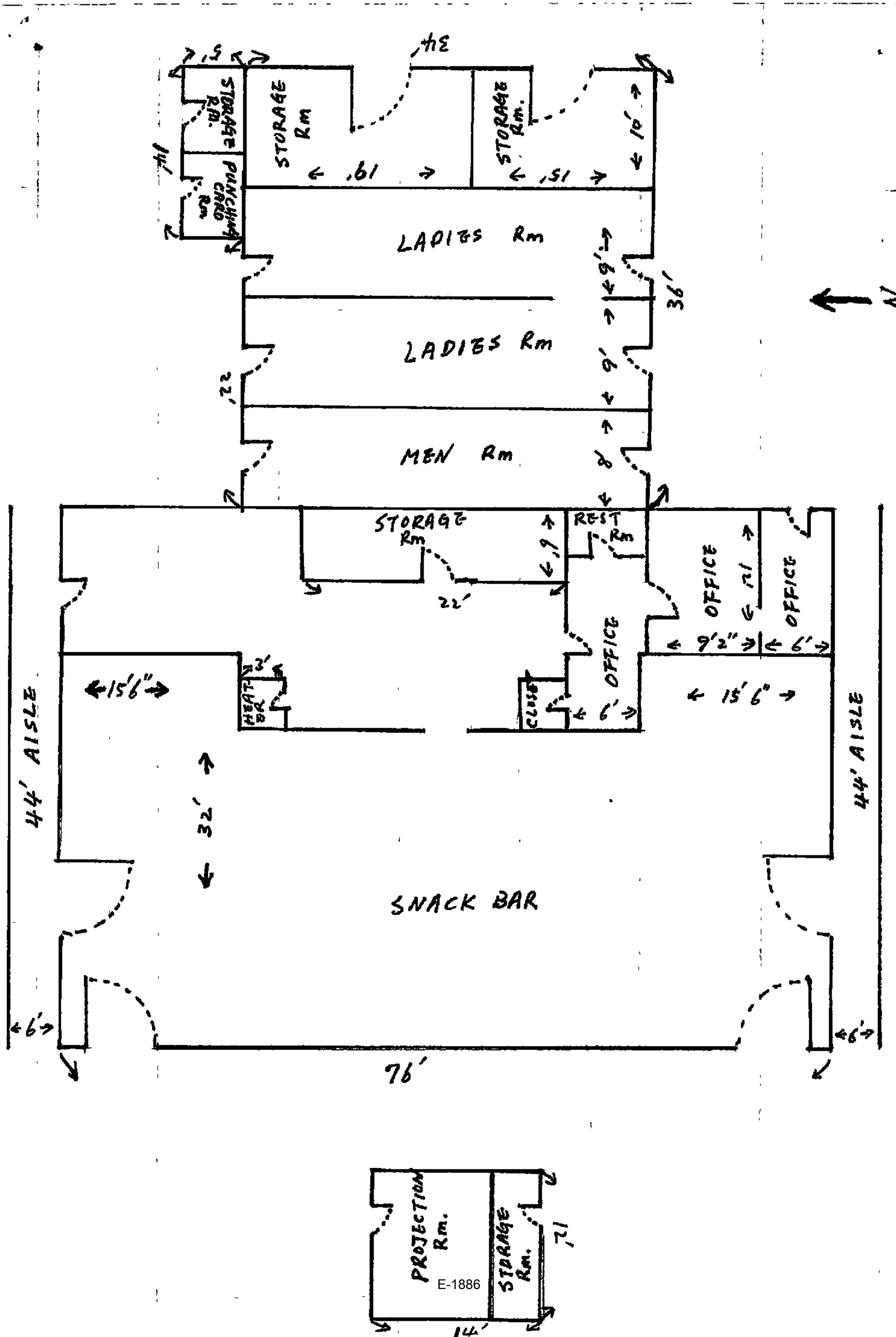
11-6-84
DATE

Jin-Long Tsai
SIGNATURE

BUILDING DEPARTMENT OFFICE HOURS
8:00 to 11:30 A.M., MONDAY - FRIDAY

JIN-LONG TSAI
PRINT OR TYPE NAME

E-1885


34'
5'
STORAGE Rm.
STORAGE Rm
STORAGE Rm.
19'
15'
10'
14'
PUNCHCARD Rm
LADIES Rm
9'
36'
LADIES Rm
9'
22'
MEN Rm
8'
STORAGE Rm
6'
22'
REST Rm
OFFICE
12'
OFFICE
OFFICE
9'2"
6'
15'6"
3'
HEAT RM
CLOSET
6'
15'6"
44' AISLE
32'
44' AISLE
SNACK BAR
6'
6'
76'
PROJECTION Rm.
STORAGE Rm.
12'
14'

E-1886

Nov. 7, 1984
Los Angeles County Fire Dept.
Fire Prevention Bureau
10115 E. Rush
So. El Monte, Ca 91733

Gentlemen:

The following information is in answer to your request regarding the business operations to be conducted at the above address.

1. Drive in theater & Swap meet.
2. See attached plot plan.
3. No material to be stored.
4. No storage.
5. No storage.
6. No flammable liquies be used.
7. No spray painting.
8. No combustible waste materials.
9. No building alternation plan.

Sincerely yours,

Swap-A-Lot, Inc.

John J.L. TSAI
Vice-president

363-DSS 16-1-56

PLOT PLAN

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER

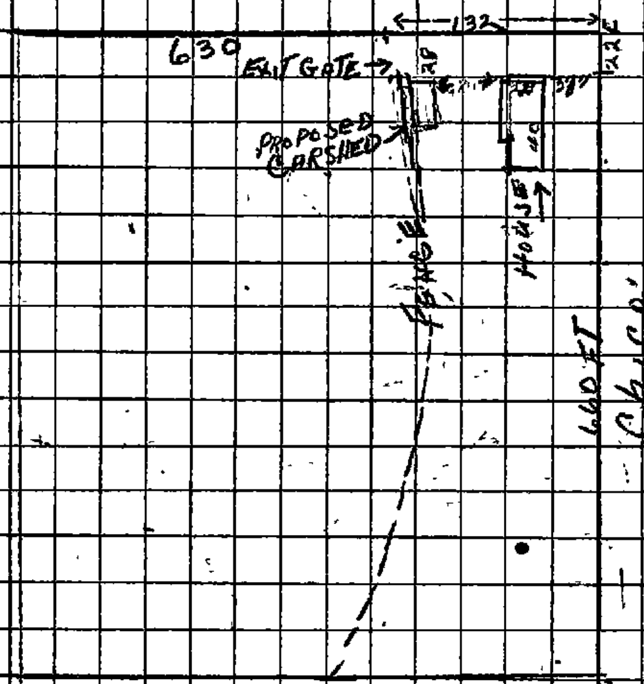
DISTRICT No. ______

PERMIT No. ______

DATE ______

BUILDING ADDRESS: 2559 No Chico Ave. El Monte Calif.

LOCALITY: LOT 29 TRACT 621

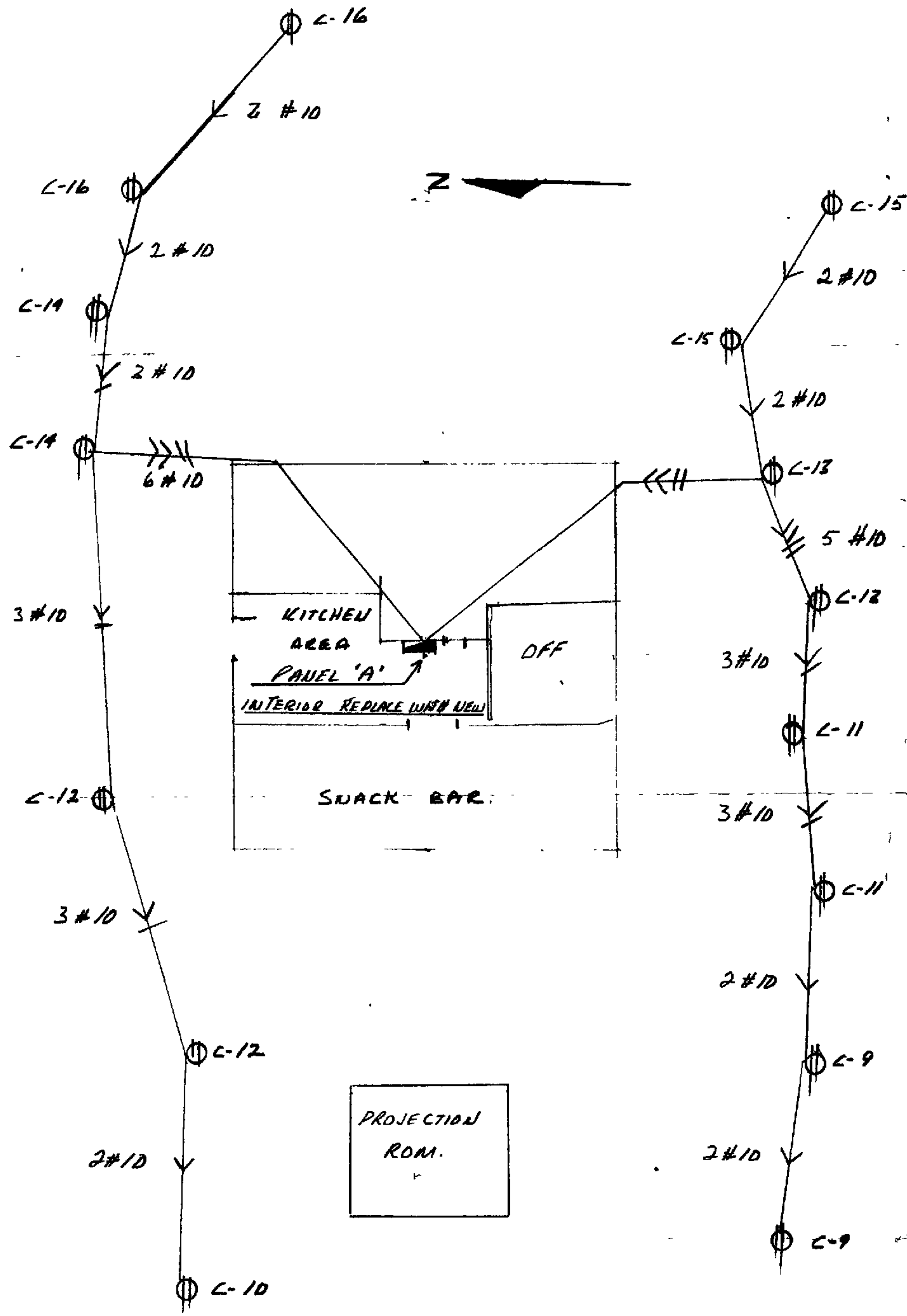


I HEREBY STATE THAT THIS PLOT PLAN AND THE DIMENSIONS SHOWN ARE CORRECT:

SIGNATURE OF APPLICANT ______

E-1888

MAIL ADDRESS ______


C-16
2 #10
C-16
2 #10
C-14
2 #10
C-14
6 #10
3 #10
C-12
3 #10
C-12
2#10
C-10
C-15
2 #10
C-15
2 #10
C-13
5 #10
C-12
3#10
C-11
3#10
C-11
2#10
C-9
2#10
C-9
KITCHEN AREA
PANEL 'A'
INTERIOR REPLACE WITH NEW
OFF
SNACK BAR
PROJECTION ROOM.

JOB ADDRESS	
2559 CHICO AVE. SO. EL MONTE	
APPLICANT OR AGENT	
OWNER	
JOHN TSAI - SWAP-A-LOT, INC	
PERMIT NO	DATE
	2-8-85

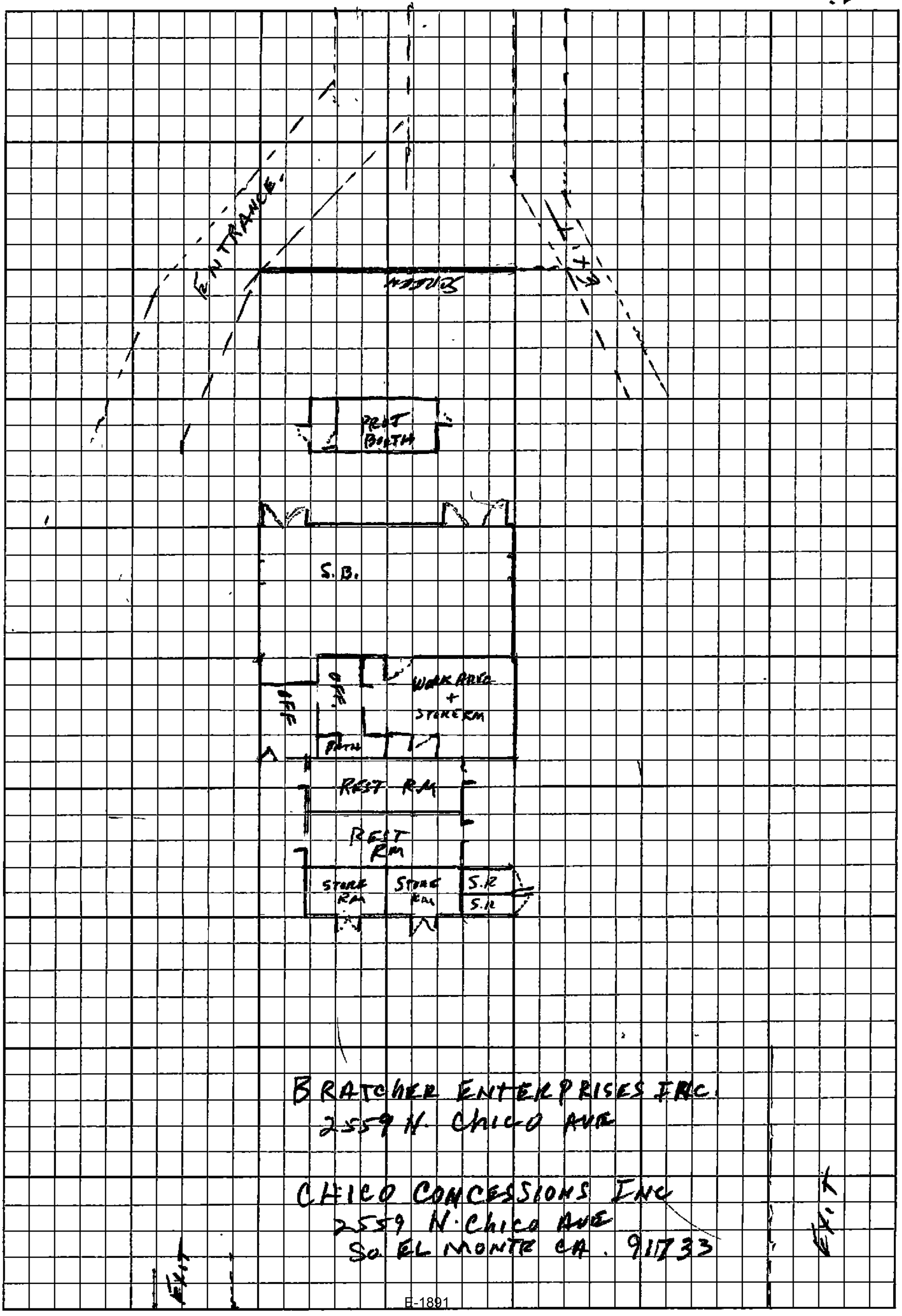
B&S E-3—Rev 5-75

ELECTRICAL PLAN SHEET — Use Both Sides

"OVER"

E-1890

ROSEMEAD BLVD



E-1891

CHICO AVE.

APPLICATION FOR ELECTRICAL PERMIT

CITY OF

1

FOR APPLICANT TO FILL IN (PRINT OR TYPE)

Building Address 2559 CHICO AVE.

Owner JOHN TSAI – SWAP-A-LOT, INC.

Mail Address

City Tel. No.

Contractor ART'S ELEC SERVICE

Address 9560 BROCKWAY ST.

City EL MONTE, CA Tel. No. 442-2677

State Lic. No. 292064 Lic. Class C-10

Architect or Engineer Lic. No.

Address

City Tel. No.

Applicant Tel. No.

Address

City Zip

Legal Description Lot No.

Block Tract

Size of Lot No. of Bldgs. Now on Lot

Use of Buildings

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License Number 292064

Date 2-8-85 Contractor [signature]

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec.______, B. & P. C. for this reason______

Date______ Owner______

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 44812/- Company STATE FUND 5/1/85

☐ Certified copy is hereby furnished. ☒ Certified copy is filed with the city building inspection department.

Date 2-8-85 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date______ Applicant______

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name______ Lender's Address______

This permit will expire if work is not started within **120** days of issuance or if the work is abandoned or suspensed for **120** days.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

[signature] 2-8-85

Signature of Applicant or Agent Date

E-1893

FOR APPLICANT TO FILL IN (PRINT OR TYPE)

	Each	No.	Fee
New Residential Bldgs. & Pools			
1 & 2-Family, Sq. Ft.___	$	—	$
Multi-Family, Sq. Ft.___		—	
Residential Swimming Pools			
Outlets. Rec 15 Light___ Sw.___ Total No.___ First 20 / Additional	.60	15	9.00
Lighting Fixtures Total No.___ First 20 / Additional			
Fixed Appliances Not Over 1 HP: Range__ Heater__ D.W.__ Oven__ Dryer__ W.M.__ Top__ FAU__ W.H.__ Hood__ Fan__ Other__ Disp.__ Room Air Cond.__			
Power Apparatus & Large Appliances, Size & Type HP, KW, KVA, or KVAR			
___ Up to 1 Incl.			
___ Over 1 to 10 Incl.			
___ Over 10 to 50 Incl.			
___ Over 50 to 100 Incl.			
___ Over 100			
Services: 0 - 200 Amp. Under 600 V			
201 - 1000 Amp. Under 600 V			
Over 1000 Amp. or Over 600 V			
Temp. Power Pole & Appurtenances			
Sign with One Branch Circuit			
Additional Sign Branch Circuits			
Misc. Conduits & Conductors			
Other (See Compl. Fee Sched.)___			
SUB PANEL		1	12.00
PERMIT FEE (Sub-Total)			
PLAN CHECKING FEE			
PERMIT ISSUING FEE	$		8.50
TOTAL FEE			29.50

PLAN CHECK VALIDATION

CK. CASH M.O. TUC BU

PERMIT VALIDATION

C4656 # 29.50 2/8/85

CK. CASH M.O.

INSPECTOR COPY

Approvals	Date	Inspector's Signature
Temp. Power Pole		
Under Slab Work		
Rough Conduit		
Wiring	2/11/85	[signature]
Fixtures		
Power Authorized		
Utility Co. Notified		
Final	2/11/85	[signature]

INSPECTOR'S NOTES

E-1894

APPLICATION FOR ELECTRICAL PERMIT

CITY OF SOUTH EL MONTE

FOR APPLICANT TO FILL IN (PRINT OR TYPE)

Building Address 2559 NORTH CHICO AVE.
SOUTH EL MONTE, CA.
Owner PACIFIC THEATRES
Mail Address 120 N. ROBERTSON BLVD.
City LOS ANGELES, CA. 90048 Tel. No. (213) 657-8420
Contractor ARROW SIGN CO.
Address P.O. BOX 7469
City OAKLAND, CA 94601 Tel. No. (415) 533-7693
State Lic. No. 314794 Lic. Class C-45, C-51, C-61

Architect or Engineer Lic. No.
Address
City Tel. No.
Applicant ARROW SIGN CO. Tel. No. (415) 533-7693
Address P.O. BOX 7469
City OAKLAND, CA. Zip 94601
Legal Description Lot No.
Block Tract
Size of Lot No. of Bldgs. Now on Lot
Use of Buildings THEATRE

FOR APPLICANT TO FILL IN (PRINT OR TYPE)

	Each	No.	Fee
New Residential Bldgs. & Pools			
1 & 2-Family, Sq. Ft.	$	—	$
Multi-Family, Sq. Ft.		—	
Residential Swimming Pools			
Outlets: Rec. Light Sw. — Total No. First 20			
Additional			
Lighting Fixtures Total No. First 20			
Additional			
Fixed Appliances Not Over 1 HP: Range Heater D.W. Oven Dryer W.M. Top FAU W.H. Hood Fan Other Disp. Room Air Cond.			
Power Apparatus & Large Appliances — Size & Type HP, KW, KVA, or KVAR: Up to 1 Incl.			
Over 1 to 10 Incl.			
Over 10 to 50 Incl.			
Over 50 to 100 Incl.			
Over 100			
Services: 0 - 200 Amp. Under 600 V			
201 - 1000 Amp. Under 600 V			
Over 1000 Amp. or Over 600 V			
Temp. Power Pole & Appurtenances			
Sign with One Branch Circuit	12.00		12.00
Additional Sign Branch Circuits	2.50		
Misc. Conduits & Conductors			
Other (See Compl. Fee Sched.)			
PERMIT FEE (Sub-Total)			12.00
PLAN CHECKING FEE			
PERMIT ISSUING FEE	$		8.50
TOTAL FEE			20.50

1

INSPECTOR COPY

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-45, C-51, C-61 License Number 314794
Date 6/20/83 Contractor [signature]

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec._____, B. & P. C. for this reason_____

Date_____ Owner_____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. GP046-83 Company STATE FUND 1/1/84

☐ Certified copy is hereby furnished. ☒ Certified copy is filed with the city building inspection department.

Date 6/20/83 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date_____ Applicant_____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name_____ Lender's Address_____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

[signature] 6/20/83
Signature of Applicant or Agent Date

E-1895

PLAN CHECK VALIDATION

CK. CASH M.O.

02663

PERMIT VALIDATION

$20.50
8/26/83
#15466
#15831

CK. CASH M.O.

Approvals	Date	Inspector's Signature
Temp. Power Pole		
Under Slab Work		
Rough Conduit		
Wiring		
Fixtures		
Power Authorized		
Utility Co. Notified		
Final	8/31/83	Jamie

INSPECTOR'S NOTES

E-1896

Zenith

6A667A (CE 817B) - 11/76

So. El Monte

1

APPLICATION FOR PLUMBING PERMIT

BUILDING AND SAFETY DIVISION

FOR APPLICANT TO FILL IN (PRINT OR TYPE)

NUMBER	FIXTURE OR ITEM	@	FEE	
	WATER CLOSET			
	BATH TUB			
	SHOWER			
	LAVATORY			
	SINK			
	DISHWASHER			
	CLOTHES WASHER			
	SWIMMING POOL RECEPTOR			
	LAWN SPRINKLER SYSTEM			
	WATER HEATER			
	GAS SYSTEM OUTLETS			
	OUTLETS OVER 5 PER SYSTEM			
	WATER SERVICE		3	00
Plan check fee				
PLUMBING PERMIT ISSUING FEE $			4	50
	TOTAL FEE		7	50

BUILDING ADDRESS 2559 N. CHICO AVE

LOCALITY S. EL MONTE

NEAREST CROSS ST GARFIELD

OWNER PACIFIC THEATRES

MAIL ADDRESS 120 N. ROBERTSON BLVD.

CITY LOS ANGELES TEL NO #657-8420

CONTRACTOR ROGER THE PLUMBER

ADDRESS 1528 N WESTERN AVE

CITY LOS ANGELES TEL NO 461-3112

STATE LICENSE NO 500959 LIC CLASS C 36

DISTRICT NO	GROUP	ZONE	PROCESSED BY
5.04			Johnson

INDUSTRIAL WASTE APPROVAL

INSPECTION RECORD

6 15 77 2" [illegible] copper pipe
under [illegible] H-f

APPROVALS	DATE	INSPECTOR'S SIGNATURE
UNDER SLAB WORK		
ROUGH PLUMBING		
GAS PIPING		
GAS VENT		
HOT WATER HEATER		
PLUMBING FIXTURES		
GAS TEST		
UTILITY CO NOTIFIED		
FINAL	6 16 77	H-f

Plan check applicant

Name

Address

City Tel No

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF, AND INTEND TO RESIDE IN THE ABOVE DESCRIBED RESIDENTIAL PROPERTY

SIGNATURE OF PERMITTEE Robin Stra[illegible]

INSPECTOR COPY

PLAN CHECK VALIDATION CK M.O. CASH

PERMIT VALIDATION CK. M.O CASH

0 0 3 E JUN 7 14 5 B 7.50 ▲50

SOUTH EL MONTE

CE808 3-62
76A642D

APPLICATION FOR PERMIT

SEWER—SEWAGE DISPOSAL

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T. OF BUILDING

BUILDING ADDRESS 2559 Chico
LOCALITY So EL MONTE
NEAREST CROSS ST. FERN AVENUE
OWNER CARL H BRATCHER
MAIL ADDRESS SAME
CITY TEL. NO.

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION LOT NO. 29-30
BLOCK TRACT 621
SIZE OF LOT 660-630 NO OF BLDGS. NOW ON LOT 1
USE OF BUILDINGS RES.
CONTRACTOR TONY PIPELINE CONST.
ADDRESS 708 NEW DEPOT ST.
CITY LOS ANGELES TEL NO 2810082
STATE LICENSE NO. 162786 LIC CLASS C42

NO.	DESCRIPTION OF WORK	FEE	
	HOUSE SEWER CONNECTING TO PUBLIC SEWER @ $5.00	5	00
	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD @ $10.00		
	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM @ $3.00		
	CONNECT ADDITIONAL BLDG OR WORK TO HOUSE SEWER @ $3.00		
	OVERFLOW SEEPAGE PIT, DRAINFIELD EXTN., CESSPOOL, DRYWELL, MANHOLE @ $5.00		
	ALTER, REPAIR OR ABANDON HOUSE SEWER OR DISPOSAL SYSTEM @ $3.00		
	PERMIT $	2	00
	TOTAL FEE	7	00

DISTRICT NO.	GROUP	MAP BK	MAP PG	PROCESSED BY
5.04	F	F	63	md

CONNECTION DATA

STATION 27407 DEPTH 9'
MANHOLE REFERENCE 27+40.86 33'86' S (UPPER) LOWER
TYPE OF CONNECTION Y CURB P.L. LENGTH FROM M.L. TO P.L. 25'
CO IMP. NO. 1661 P.C. NO. JOB NO.
TRUNK PERMIT NO ROAD PERMIT NO. 92818

AFFIDAVIT	WAIVER	EASEMENT	RECORD. INSTR NO	DATE

HWY. OR ST. WIDENING
STATE ENCROACHMENT PERMIT NO
INDUSTRIAL WASTE APPROVAL

CHARGES
CONNECTION CHARGE FEE
REIMBURSEMENT FEE

OWNER'S AUTHORIZATION

I HAVE AT THIS DATE A CONTRACT WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER.
SIGNED THIS 24 DAY OF FEB 1969
OWNER OR OWNERS AGENT Carl H Bratcher
ADDRESS

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF, AND INTEND TO RESIDE IN, THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE [signature]

APPROVALS

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER	2/27/69	[signature]
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP. PIT(S) AND/OR DRAINFIELD		
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

INSPECTOR COPY

VALIDATION
CK. M O CASH

JACK R. ALLEN
SUPERVISING MECHANICAL ENGINEER

1AC 8556 FEB25 10B 7.00

E-1898

Bonham

FOR DEPARTMENT USE

REQUIRED INFORMATION

1. INDICATE ALL BUILDINGS ON PROPERTY.
2. INDICATE AND DIMENSION SEWAGE DISPOSAL SYSTEM WITH TIE DISTANCES TO BUILDINGS AND PROPERTY LINES.
3. INDICATE SIZE OF SEPTIC TANK—DEPTH OF SEEPAGE PIT(S)—SIZE OF CESSPOOL(S).
4. INDICATE NORTH DIRECTION ON PLOT.
5. INDICATE BOTH STREETS IF CORNER.

ST. ALLEY R/W

FIELD NOTES Drain north side of house to street — [illegible signature]

E-1899

75A642D
B & E-663 12-54

APPLICATION FOR PERMIT
SEWER—SEWAGE DISPOSAL

ObS 1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 2559 Chico Ave
LOCALITY El Monte
NEAREST CROSS ST. Rush
OWNER Carl H Bratcher
MAIL ADDRESS 2559 Chico Ave
CITY El Monte TEL. NO.

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION LOT NO. 29-30
BLOCK TRACT 621 PAGE 182 183
SIZE OF LOT 660 X 630 NO. OF BLDGS. NOW ON LOT 2
USE OF BUILDINGS DRIVE-IN THEATER
CONTRACTOR Milosevich & Zarubica
ADDRESS 1419 N Potrero Ave
CITY El Monte TEL. NO. CU 33761
REGISTRATION NO. 86984 ☒ STATE ☐ COUNTY

NO.	DESCRIPTION OF WORK	FEE		
1	HOUSE SEWER CONNECTING TO PUBLIC SEWER	@ $ 3.50	3	50
	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM	1.00		
	CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER	1.00		
	ALTER OR REPAIR EXISTING SEWER OR DISPOSAL SYSTEM	1.00		
	DISCONNECT AND ABANDON SEWER AND/OR DISPOSAL SYSTEM	1.00		
	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD	2.00		
	CESSPOOL - DRYWELL SPECIAL CONDITIONS ONLY	2.00		
	PERMIT	$	1	00
	TOTAL FEE		4	50

DISTRICT NO.	GROUP	MAP BK	PG
V	F-2	F	63

CONNECTION DATA

STATION 28+58.5 DEPTH 6'
82.36 S MANHOLE REFERENCE (UPPER) LOWER
TYPE OF CONNECTION Y. CURB (P.L.) LENGTH FROM M.L. TO P.L. 25

CO. IMP. NO. 1661 JOB. NO.
TRUNK PERMIT NO. ROAD PERMIT NO.
STATE ENCROACHMENT PERMIT NO.
INDUSTRIAL WASTE APPROVAL

CHARGES
CONNECTION CHARGE FEE
REIMBURSEMENT FEE

OWNER'S AUTHORIZATION

I HAVE THIS DATE CONTRACTED WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER

SIGNED THIS 28 DAY OF JUNE 1955

OWNER OR OWNERS AGENT Santa Fe Drive-in Theatre Co. By Carl H Bratcher
ADDRESS 2559 Chico El Monte Calif

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Milosevich & Zarubica By Pete Salata

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER	6/29/55	[illegible]
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP, PIT(S) AND/OR DRAINFIELD		
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

WILLIAM J. FOX, COUNTY ENGINEER

VALIDATION

LACo 8 5 1 9 8 JUN 28 4 4.50

BY DEPUTY BY DEPUTY

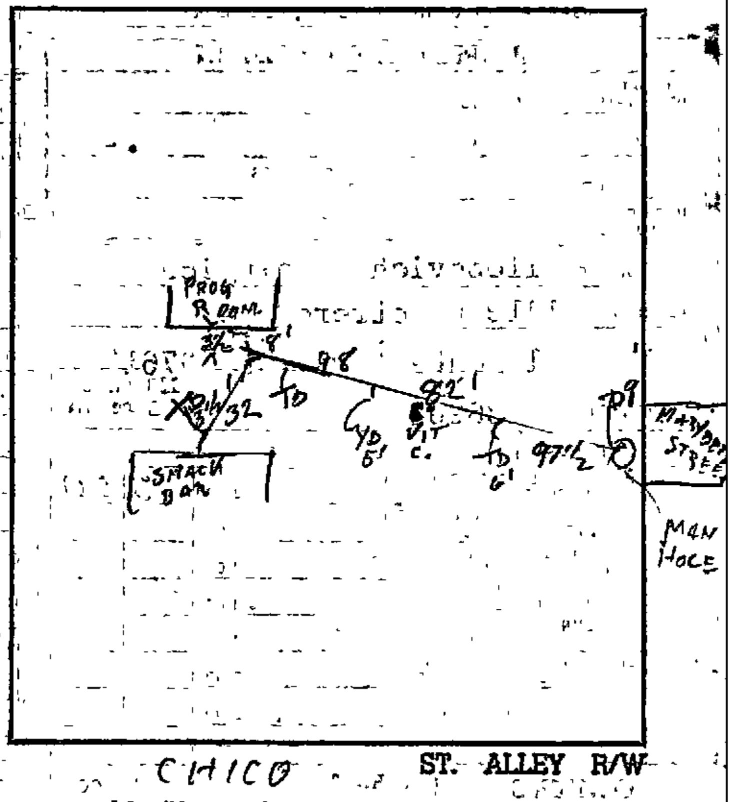
E-1900

BY DEPUTY BY DEPUTY

FOR DEPARTMENT USE

REQUIRED INFORMATION

1. INDICATE ALL BUILDINGS ON PROPERTY.
2. INDICATE AND DIMENSION SEWAGE DISPOSAL SYSTEM WITH TIE DISTANCES TO BUILDINGS AND PROPERTY LINES.
3. INDICATE SIZE OF SEPTIC TANK—DEPTH OF SEEPAGE PIT(S)—SIZE OF CESSPOOL(S)
4. INDICATE NORTH DIRECTION ON PLOT.
5. INDICATE BOTH STREETS IF CORNER.



ST. ALLEY R/W

FIELD NOTES

E-1901

1008

CITY OF SOUTH EL MONTE

1415 N. SANTA ANITA AVENUE
SOUTH EL MONTE, CALIFORNIA 91733
579-6540 • 686-0460

OCCUPANCY PERMIT

Date: , 1982

Building Address ________ Area (Sq. Ft.) ________

Building Owner ________ Phone No. ________

Owner's Address ________

Occupant Firm Name ________ Phone No. ________

Firm Owner/Authorized Rep. ________
and → Enterprises

Firm's Former Address Bratcher

Proposed Use ________ Previous Use ________

Major product or service Sale of food and Second Hand Dealer

No. Employees: Full Time ________ Part Time ________

Do you have a sales tax permit or in process of obtaining one? ☐ Yes ☐ No

No. of Existing Parking Spaces: ________ Zone ________

Was South El Monte recommended to you? ________ By Whom? ________

________ Permittee's Signature

________ Permittee's Address / Phone No

CITY USE ONLY

Complies with all City Code Requirements	Yes	No*	Initials	Date
Building & Safety	✓		[illegible]	12/2/82
Industrial Waste	✓		B.C. (2)	3/9/83
Fire Prevention	✓		R.G (3)	12/15/82
Health	✓		M L	
Air Pollution Control				
Police				
Planning	✓		M.A. (3)	1-19-83

*Corrections and comments:

Approved for utilities: By ________ Date: ________

E-1902

White, Building Department Copy — **Pink,** Industrial Waste Department Copy — **Blue,** Fire Prevention Copy
Canary, Health Department Copy — **Gold,** Air Pollution Copy — **Green,** Planning Copy

CITY OF SOUTH EL MONTE

1415 N SANTA ANITA AVENUE
SOUTH EL MONTE, CALIFORNIA 91733
579-6540 • 686-0460

OCCUPANCY PERMIT

Date: 11-6-84

Building Address 2559 N. Chico Ave. South El monte Area (Sq. Ft.) ____

Building Owner JIN-LONG TSAI Phone No (818) 792-3640

Owner's Address 1130 palomar Rd. San marino, CA 91108

Occupant Firm Name Swap-A-LOT, Inc. Phone No. (818) 448-2810

Firm Owner/Authorized Rep. JIN-LONG TSAI

Firm's Former Address None.

Proposed Use Drive in theatre & Swap meet Previous Use Same.

Major product or service None

No. Employees: 60 Full Time ____ Part Time 60

Do you have a sales tax permit or in process of obtaining one? ☒ Yes ☐ No Sales TAX Permit NO.

No. of Existing Parking Spaces: 400 Zone M

Was South El Monte recommended to you? Yes By Whom? Councilman Ignacio Graca Assistant to city manager Audrey Garay

Jin-Long Tsai — Permittee's Signature
1130 palomar Rd. San marino / (818) 792-3640 — Permittee's Address / Phone No

CITY USE ONLY

Complies with all City Code Requirements	Yes	No*	Initials	Date
Building & Safety	✓	3/	[illegible]	3/23/85
Industrial Waste				
Fire Prevention	✓		White	11-21-84
Health	✓		Domingo	12/14/84
Air Pollution Control				
Police				
Planning	✓		[illegible]	11-27-84

*Corrections and comments:

Approved for utilities: By ____ Date: ____

E-1903

White, Building Department Copy — **Pink,** Industrial Waste Department Copy — **Blue,** Fire Prevention Copy
Canary, Health Department Copy — **Gold,** Air Pollution Copy — **Green,** Planning Copy

76A538A DBS-3 11-55

APPLICATION FOR BUILDING PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS
LOCALITY
NEAREST CROSS ST.

DISTRICT NO. | GROUP | TYPE CONST. | SEWER BK | MAP PG

MAP NUMBER | STATE HWY | YES | NO

USE ZONE | SPECIAL CONDITIONS

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 2559 No Chico
LOT NO. 30 BLOCK
TRACT 621
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT 1
USE OF EXISTING BLDG. Dwelling
OWNER Carl + Ford Bratcher
MAIL ADDRESS 2559 Chico
CITY El Monte Calif TEL. NO. FO 87632
ARCHITECT OR ENGINEER Jack Kennedy TEL. NO.
ADDRESS Inter city Bldg ... San Bernardino Calif
CONTRACTOR TEL. NO.
ADDRESS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

0	TRACT DWELL.	1 UNIT	5	INDUSTRIAL
1	DWELL.	1 UNIT	6	PUBLIC BLDG.
2	DUPLEX	2 UNITS	7	ADDN., ALT., ETC.
3	APT.	____ UNITS	8	MISCEL.
4	COMMERCIAL			

DESCRIPTION OF WORK

NEW ADD ✓ ALTER REPAIR DEMOLISH
SQ. FT. SIZE 560 FT NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE
Car Shed
SIGNATURE OF APPLICANT
ADDRESS

$ VALUATION
P. C. FEE $
FEE $

INSPECTION RECORD

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	10/15/58	Dave
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	6/4/57	Dave

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE Carl A Bratcher
ADDRESS

JOHN A. LAMBIE, COUNTY ENGINEER | **VALIDATION** CK MO CASH | CLYDE N. DIRLAM, CHIEF BLDG. INSPECTOR

LAC 92608 JUL 16 1 6.00

E-1904

APR 16 1996
AIR TOXICS
SCAQMD

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD)
NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

SCAQMD USE ONLY	SCREEN BY	RECEIVED	POSTMARK	ENTERED BY	NOTIFICATION #

COMPLETED BY Willie Brandenburg COMPANY Willie's Construction PHONE 310-699-0336

DATE 4-16-96 CHECK # FEE $ 25.30 PROJECT #

NOTIFICATION TYPE: **(ORIGINAL)** REVISION DATES REVISION OTHER (HIGHLIGHT) CANCELLATION

PROJECT TYPE: **(DEMOLITION)** ORDERED DEMO RENOVATION (REMOVAL) EMERGENCY RENO PLANNED RENO (ANNUAL)

REQUIRED: ASBESTOS PRESENT? YES **(NO)** ASBESTOS SURVEY? **(YES)** NO ASBESTOS REMOVED? YES **(NO)**

SITE INFORMATION: SITE NAME T.C. Group - South El Monte Drive-in Theater

ADDRESS 2540 S. Rosemead

CITY South El Monte STATE Ca. ZIP COUNTY Los Angeles.

DESCRIBE WORK LOCATION Theater Screen Removal.

BUILDING SIZE (SQ FT) 90'x90' NUMBER OF FLOORS — BUILDING AGE (YEARS) 46 NUMBER OF DWELLING UNITS 0

PRESENT & PRIOR USE: **(COMMERCIAL)** HOSPITAL INDUSTRIAL MISCELLANEOUS OFFICE PUBLIC BLDG RESIDENCE SCHOOL SHIP UNIV/COLLEGE VACANT

SITE OWNER T.C. Group ADDRESS 15801 E. Valley Bl.

CITY Industry STATE Ca. ZIP 91744. CONTACT Peter PHONE 818 ~~5?-0548~~ 333-5131

ASBESTOS AMOUNT TO BE REMOVED	FRIABLE	CLASS I	CLASS II	DESCRIBE THE ASBESTOS MATERIALS
ON PIPES (IN SQUARE FEET)	none	none	none	none
SURFACE AREAS (IN SQUARE FEET)	"	"	"	"
TOTALS (ADD COLUMNS)	"	"	"	" GRAND TOTAL (ADD ROW) None

FEE IS BASED ON GRAND TOTAL, SEE PAGE 2. TO CONVERT LINEAR FEET TO SQUARE FEET: SQUARE FEET = 3.14 X DIAMETER X LENGTH

REMOVAL DATES: START 4-22-96 END 4-25-96 WORK SHIFT (AM/PM) 8am-5pm

PROJECT DATES: START " END " WORK SHIFT (AM/PM) " "

CONTRACTOR INFORMATION: CSLB LICENSE # 404279 OSHA REG # — SCAQMD ID # —

NAME Willie's Construction, Inc. ADDRESS 11513 E. Washington Bl. Suite A.

CITY Whittier STATE Ca. ZIP 90606 SITE SUPVR Willie PHONE 310-699-0336

WASTE TRANSPORTER #1 Willies Construction. LANDFILL None

ADDRESS Same as above ADDRESS

CITY STATE ZIP CITY STATE ZIP

Rule 1403 and NESHAP Asbestos Notification Form REV 940506

WASTE TRANSPORTER #2 None	WASTE STORAGE SITE None
ADDRESS	ADDRESS
CITY STATE ZIP	CITY STATE ZIP

CONTROLS: DESCRIBE WORK PRACTICES AND CONTROLS TO BE USED AT THE DEMOLITION AND RENOVATION SITE. FOR ASBESTOS REMOVAL WORK, INDICATE RULE 1403 PROCEDURE # 1, 2, 3, 4 OR 5, OR COMBINATIONS OF PROCEDURES USED. FOR PROCEDURES 4 AND 5, SUBMIT PLANS FOR SCAQMD APPROVAL. PROCEDURE #:

No asbestos present on site.

ASBESTOS DETECTION PROCEDURE: DESCRIBE THE METHODS AND PROCEDURES USED TO DETERMINE WHETHER ASBESTOS IS PRESENT AT THE SITE, INCLUDING THE ANALYTICAL METHODS:

Site Reviewed by American Technologies, Inc. ~ See attached Report.

FOR ORDERED DEMOLITION SEND A COPY OF THE ORDER AND GIVE THE AGENCY NAME: None

AUTHORIZING PERSON: TITLE:

DATE OF ORDER: DATE ORDERED TO BEGIN:

FOR EMERGENCY REMOVAL GIVE DATE AND HOUR OF EMERGENCY AND DESCRIBE THE SUDDEN, UNEXPECTED EVENT:

N/A.

EXPLAIN HOW THE EVENT WOULD CAUSE UNSAFE CONDITIONS, EQUIPMENT DAMAGE OR UNREASONABLE FINANCIAL BURDEN:

N/A.

CONTINGENCY PLAN: DESCRIBE ACTIONS AND PROCEDURES TO BE FOLLOWED IF UNEXPECTED ASBESTOS IS FOUND DURING DEMOLITION OR NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

Notify American Technologies to test suspect materials

TRAINING CERTIFICATION: I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF REGULATION SCAQMD RULE 1403 AND NESHAP WILL BE ON-SITE DURING THE REMOVAL AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HRS.

Willie M. Brandenburg. x Willie M Brandenburg 4-16-96

PRINT NAME OF OWNER/OPERATOR SIGNATURE OF OWNER/OPERATOR DATE

INFORMATION CERTIFICATION: I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND I HAVE ENCLOSED ANY REQUIRED ATTACHMENTS.

SIGNATURE OF OWNER/OPERATOR x Willie M Brandenburg DATE 4-16-96

THIS NOTIFICATION WILL NOT BE ACCEPTED WITHOUT THE REQUIRED ASBESTOS FEE (SCAQMD RULE 301). PLEASE MAKE CHECK PAYABLE TO "SCAQMD". THE FEE VARIES AND DEPENDS ON THE GRAND TOTAL OF ASBESTOS AMOUNT TO BE REMOVED. FEES ARE NOT REFUNDABLE AND ARE AS FOLLOWS:

FROM 161 TO 1,000 SQUARE FEET	$10.12
FROM 1,001 TO 5,000 SQUARE FEET	$75.90
FROM 5,001 TO 10,000 SQUARE FEET	$177.10
MORE THAN 10,001 SQUARE FEET	$278.30
DEMOLITIONS	$25.30
REVISIONS	$10.12

CANCELLATION OF NOTIFICATIONS, REMOVAL PROJECTS AT OWNER-OCCUPIED SINGLE FAMILY DWELLINGS, AND REMOVAL PROJECTS OF LESS THAN 160 SQUARE FEET ARE EXEMPT FROM ASBESTOS FEES.

NOTE: STATE LAW REQUIRES THAT YOU PROVIDE A COPY OF DEMOLITION NOTIFICATIONS TO YOUR LOCAL BUILDING AND SAFETY DEPARTMENT. PLEASE KEEP A COPY.

MAIL TO: SCAQMD, RULE 1403 ASBESTOS NOTIFICATIONS, P.O. BOX 4950, DIAMOND BAR, CA 91765-0950
TELEPHONE: (909) 396 - 2336

District No. 2

Plan Check No. 88205F

Permit No.

DIVISION OF BUILDING & SAFETY — COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
William J. Fox, County Engineer

PLAN CORRECTION SHEET

M. John B. Kennedy (Applicant) No. 2540 N.Rosemead Blvd.-El Monte (Location of Job)

M. Bratcher (Owner if other than applicant) No. 2559 Chico St.-El Monte (Address of Owner)

Zone M1½ Set Back 50' CL Fire Zone

Your application for a permit, together with plans and specifications, has been examined and you are advised that the issuance of a permit is withheld for the reasons hereinafter set forth.
The approval of plans and specifications does not permit the violation of any section of the Building Code, or other County Ordinance or State Law.

New Building / Alteration / Addition / Moving	Purpose	Type	Group	Sty.	Valuation
X	Addition to drive-in screen tower	IV	Tower		$ 4,200.

Eng. Calculations Bk. P.	Area Sq. Ft.	Valuation per Sq. Ft.

1. ~~Building as located on plot plan does not conform to established setback lines.~~

1. Correct details on revised plans to agree with original approved plans.

2. Show means of providing continuity for foundation beam at existing foundation.

... corrections are made.

Return this sheet with all plans and specifications when corrections have been made thereon.

State Housing Checked

Horizontal Force Checked

Corrections as above indicated will be complied with.

(Sign Here) X [signature] (Signature of Owner or Applicant)

Corrections Verified

Rechecked and Approved [signature]

Date 7/20/54

Checked by Kent

Date 7-16-54 Sheet No. 1 of 1 Sheets

E-1907

LEACHING SYSTEM: The disposal of the effluent from the septic tank shall be made into a subsurface leaching field having a minimum of 600 sq. ft. of effective leaching area. Two tile leaching lines, each approximately 100 ft. long, 3 ft. wide and 4ft deep, shall be supplemented by the addition of three (3) bucket holes to each trench, at approximately 35 ft. 70 ft. and 100 ft. from the septic tank. Bucket holes to be approximately 30" in diameter and 6 ft. below trench bottom, backfilled with 2" rock.

Eighteen inches (18") of rock to be placed under the tile and a minimum of 2" of gravel over the tile. Field tile used in disposal trenches shall be not less than 4" in diameter and laid with 1/2" open joints. All open joints shall be protected on top by treated roofing paper 10" long and 4" to 6" wide. Filter material to be rock or gravel 3/4" to 2" in size. Grade boards shall be provided for all lines upon which to lay the tile. A piece of untreated building paper shall be placed over the filter material of all disposal trenches to protect the filter material until the backfill settles.

DISTRIBUTION BOX: When more than one leaching trench is required, the effluent from the septic tank shall be evenly divided by means of a distribution box. The inlet to the distribution box shall be at least one inch above the outlet level. Even distribution of the effluent within the distribution box shall be made by means of a properly located baffle.

All plumbing and sewage disposal systems shall be installed in compliance with the Los Angeles County Building Department ordinances.

NOTE: If the builder proposes to separate the wastes in two or more sewage disposal systems, the combined total gallonage of septic tanks and square footage of trench bottom shall be equal to the above recommendations and the plumbing fixtures divided equally into the separate systems.

Very truly yours,

ROY O. GILBERT, M.D.,
County Health Officer

By Lyle C. Haynes
LYLE C. HAYNES, R.S., Chief
Water and Sewerage Division

RS:DB

cc: J. Arthur Drielsma, Architect
Roy Sharr

OFFICE OF COUNTY HEALTH DEPARTMENT

February 1, 1950

File 2540 N Rosemead

Department of Building & Safety
County of Los Angeles
1126 East Las Tunas
Temple City, Calif..

Gentlemen:

Subject: Sewage disposal system for drive-in-theatre at 1053 Chico Avenue, El Monte, California. Architect: J.Arthur Drielsma, 1914 S.Vermont Avenue, Los Angeles 7, California.

The Los Angeles County Health Department recommends that septic tanks with the effluent discharging into loose joint tile leaching lines be used as the method of sewage disposal for the drive-in-theatre at 1053 Chico Avenue, El Monte. The plumbing fixtures for this theatre will consist of 13 toilets; 6 lavatories; one 12ft. trough urinal; one 2-compartment sink and one slop sink.

<u>SEPTIC TANK:</u> All the plumbing fixtures shall be connected to a septic tank of 3000 gallons minimum liquid capacity.

For efficient septic tank performance, the following dimensions are recommended by the United States Public Health Service, and concurred in by the Los Angeles County Health Department.

Width 6 ft. Length 13½ ft. Liquid depth 5 ft. Total depth 6 ft. 3 in.

The above recommendation does not prohibit the use of septic tanks of other dimensions or of prefabricated septic tanks having the required liquid capacity that conform to the uniform plumbing code as amended and approved by the Los Angeles County Health Department.

Two Compartments: Inlet compartment to be 2/3 of total capacity. Partition shall have a 4" slot approximately full width of the tank located at a point midway in the depth of the liquid. The partition shall extend no less than 6" above liquid level and not closer than 2" from top of tank.

Two manholes to be provided, one over inlet and the other over outlet or make the top in sections which can be removed.

Septic tanks receiving heavy usage require yearly inspection and when necessary the accumulated sludge should be pumped out.

REQUEST FOR INSPECTION

Date ______ Locality ______

House Number ______ Street ______

Rough (forms) ☐ Elec. Wiring ☐ Plumbing ☐ Gas ☐ Sewage Disposal ☐ Plaster ☐ House Sewer

Call for inspection MON. TUES. WED. THURS. FRI. A.M. P.M.

Requested by ______

PC A 15823F
Sent to CO
with PC
A 8 82057

STARLITE DRIVE-IN THEATRE

THE SHOW PLACE
OF EL MONTE

OWNED AND OPERATED BY FORD AND CARL BRATCHER
ROSEMEAD BLVD. - 2 BLOCKS SOUTH OF GARVEY
EL MONTE, CALIFORNIA

TELEPHONE
FOrest 8-7681

June 30-55.

COUNTY BUILDING PERMITS,
PUENTA, CALIFORNIA.

We are now connected onto the County Sewer and we wish to have an INDUSTURAL WASTE CLEARANCE for our snack bar in the STARLITE DRIVE IN THEATRE.

Thanking you for your attention to this matter, we are,

Y ours truly,

Ford Bratcher
FORD BRATCHER

2540 N. ROSEMEAD

761266 Calb 11/80

LOS ANGELES COUNTY **LETTERGRAM**

To MR. H. M. FLICK From N. WHITAKER Date 7-14-55

Subject No.

BUILDING

2540 N. ROSEMEAD BLVD. - ELMONTE (SNACK BAR) (SEWER CONNECTED)

(STARLITE DRIVE-IN THEATRE)

INDUSTRIAL WASTE DIVISION
DEPARTMENT OF COUNTY ENGINEER
COUNTY OF LOS ANGELES

APPROVED

FOR DOMESTIC WASTES ONLY

RESTRICTIONS: Fixtures and waste piping for the collection or disposal of liquid wastes, if any, shall be restricted to those required for the disposal of domestic or sanitary sewage from such facilities as rest rooms, change rooms, medical laboratories, photographic laboratories, serving counters for food or drinks; or wash basins or drinking fountains installed in any location within the structure.

By N. Whitaker Date 7-14-55

Certificate of Compliance (Part 1 of 2)

(EXIST) SNACK BAR ADD HEAT PUMP 8/22/91
Project Title | Date of Certificate

K.A. WANG & ASSO, INC.
Project Architect/Engineer

2540 N. ROSEMEAD
Project Location

S. EL MONTE, CA 91733.
City/Town

K.A. WANG. (818) 968-3150
Documentation Author/Firm | Telephone

For Enforcement Agency Use Only

Building Permit Number

Plan Checked By | Date

Field Checked By | Date

Approved By | Date

Principal Designer. The proposed building will be in substantial compliance with the California Building Energy Efficiency Standards provided it is built according to the plans and specifications and provided future improvements are completed according to the requirements indicated on this Certificate of Compliance. The plans and specifications have been prepared to include all significant energy conservation features required for compliance with the Standards. Building areas that are unconditioned and/or not subject to the standards are indicated on the plans.

Plans dated | Specs dated

K.A. Wang (signature) 8/22/91
Signature | Date

K.A. WANG
Name/Title

K.A. WANG & ASSO INC.
Company

1261 S. HACIENDA BLVD
Address

HACIENDA HEIGHTS, CA 91745
City/State/Zip

(818) 968-3150 RCE 34080
Telephone | Cal. License No.

Owner. The energy conservation features and performance specifications indicated on this document and on the plans and specifications shall apply to future alterations, unless compliance is demonstrated anew and a new Certificate of Compliance is submitted. A copy of this Certificate will be retained and transmitted to future tenants, subsequent owners or others with responsibility for making improvements or modifications to the building. If this certificate is lost, a new Certificate may be required before a permit is issued for alterations. Unconditioned areas are indicated on the plans and, if these areas are conditioned in the future, they must be made to comply with the applicable energy standards then in effect.

John Tsai (signature)
Signature | Date

JOHN TSAI, OWNER
Name/Title

Company

1130 PALOMAR RD
Address

SAN MARINO, CA 91108
City/State/Zip

Enforcement Agency. The proposed building, and future alterations will comply with the California Building Energy Efficiency Standards, provided future alterations meet the requirements indicated on this Certificate and all applicable mandatory measures, as long as the building occupancy type remains unchanged.

Signature | Date

Name/Title

Agency

Address

City/State/Zip

General

1	(Unconditioned) or Multi-tenant shell?	NO.	
2	CEC Occupancy Type	SNACK BAR	
3	UBC Occupancy Group/Division	B-2	
4	Edition of Standards	1988	date
5	Conditioned Floor Area	1784	sf
6	Unconditioned Floor Area	2350	sf
	1st Generation Occupancy Types		
7	Location Code Number	NA	
8	Occupancy Code Number	↓	
9	Maximum Allowable $U_{overall}$	↓	Btu/h-sf-F
10	Standard OTTV	↓	Btu/h-sf
	2nd Generation Occupancy Types		
11	Climate Zone	09	
12	Package Selected		
13	HVAC Power Criteria Set (if applic.)	I	

Note: List other options and requirements significant for compliance below or on an attached supplement. For example, include tenant improvement specifications. Additional requirements should be further detailed in the energy compliance documentation. Attachment becomes part of Certificate of Compliance.

14	Supplement Attached?	N	(Y/N)

Certificate of Compliance (Part 2 of 2) — Prescriptive Compliance CF-1A

SNACK BAR — Project Title
8/22/91 — Date of Certificate
Cond.Flr.Area
Documentation Author/Firm
Telephone
CEC Occ.Type

For Enforcement Agency Use Only
Plan Checked By — Date

Note. More than one Part 2 may be submitted, but all must reference the same Part 1. The person responsible for the design compliance for each major building system acknowledges the following compliance statement by signing the appropriate space below.

Compliance Statement. The proposed building improvements substantially comply with the requirements indicated on the Certificate of Compliance for this building, dated ____________. The plans and specifications include the significant energy conservation features and the compliance documentation is consistent with the plans and specifications.

Envelope

#	Item	Allowed	Proposed	Units
1	Roof/Ceiling Rt	12.51	15.33	h-F-sf/Btu
2	Exterior Floor Rt	NA	NA	h-F-sf/Btu
3	Opaque Wall Rt	1.45	1.96	h-F-sf/Btu
4	Exterior Wall Area		2354	sf
5	Wall Glazing Area		366	sf
6	Average SC (Wall)		0.95	
7	Total Wall % Glazing	21	15.5	%
8	West Exterior Wall Area* (if applic.)		NA	sf
9	Glazing Area (West Wall)* (if applic.)		↓	sf
10	Average SC (West Wall)* (if applic.)		↓	
11	West Wall % Glazing*		↓	%
12	Roof Glazing? (attach CF-6)		N	(Y/N)

* Lowrise office Pkgs. D, E,& F and all highrise office Pkgs.

Extent of Improvements: ADD HEAT PUMP
Plans dated — Specs dated
Signature: K.A. Wang — Date: 8/22/91
Name/Title: K.A. WANG
Company: K.A. WANG & ASSO. INC
Address: 1261 S. HACIENDA BLVD
City/State/Zip: HACIENDA HEIGHTS, CA 91745
Telephone: (818) 968-3150. — Cal. License No.: RCE34080
Enforcement Agency — Date

Lighting

13 Basis of Allowed LPD: PACKAGE "C"

#	Item	Allowed	Proposed	Units
14	LPD	2.00		watts/sf
15	Package Lighting Reduction	0.20		watts/sf
16	Adjusted LPD	1.80	1.48	watts/sf
17	Lighting Control Credits?		N.	(Y/N)

Other requirements:

Extent of Improvements: ADD HEAT PUMP
Plans dated — Specs dated
Signature: K.A. Wang — Date
Name/Title: K.A. WANG
Company: K.A. WANG & ASSO, INC
Address: 1261 S. HACIENDA BLVD
City/State/Zip: HACIENDA HEIGHTS, CA 91745
Telephone: (818) 968-3150 — Cal. License No.: RCE34080
Enforcement Agency — Date

Mechanical

#	Item	Allowed	Proposed	Units
18	Whole Building HVAC Set#? (WS-4A)			(Y/N)
	a. Fan Wattage Index	0.54	0.53	watts/sf
	b. Cooling Power Index	48.3	35.7	Btu/sf
	c. Heating Power Index	113.1	112.4	Btu/sf
19	Tailored HVAC Approach? (WS-4B)			(Y/N)
	a. Heating Capacity			(units)
	b. Cooling Capacity			(units)
	c. Fan Performance Index			cfm-in/sf
20	Simultaneous heat/cool? (WS-4C)			(Y/N)

Other requirements:

Extent of Improvements: ADD HEAT PUMP
Plans dated — Specs dated
Signature: K.A. Wang — Date
Name/Title: K.A. WANG
Company: K.A. WANG & ASSO, INC.
Address: 1261 S. HACIENDA BLVD
City/State/Zip: HACIENDA HEIGHTS, CA 91745
Telephone: (818) 968-3150 — Cal. License No.: RCE34080
Enforcement Agency — Date

Whole Building HVAC Worksheet (HVAC Power Indices)

For Enforcement Agency Use Only

Project Title

Documentation Author/Firm ________ Date

Plan Checked By ________ Date

Summary Data

1. Conditioned Floor Area . . . . . . 1784 ft²
2. Total Fan Watts During Peak Cooling Conditions (from Worksheets below) . . . . . . 0.94 kilowatts
3. Fan Wattage Index (Line 2 x 1000 / Line 1) . . . . . . 0.53 Watts/ft²
4. Total HVAC System Energy During Peak Cooling Conditions (from Worksheets below) . . . . . . 63.71 kBtu/hr
5. Cooling Power Index (Line 4 x 1000 / Line 1) . . . . . . 35.7 Btu/hr-ft²
6. Total HVAC System Energy During Peak Heating Conditions (from Worksheets below) . . . . . . 200.5 kBtu/hr
7. Heating Power Index (Line 6 x 1000 / Line 1) . . . . . . 112.4 Btu/hr-ft²

Fan Energy

A	B	C	D	E	F	G	H	I	J
		Brake Horsepower		Motor x Drive Efficiency				Peak kilowatts	
Equipment Mark	Description	Cooling	Heating	Cooling	Heating	Conversion Factor	Number Fans	Cooling	Heating
RPND-58C	HEAT PUMP	1	1	0.79	0.79	0.746	1	0.94	0.94
						0.746			
						0.746			
						0.746			
						0.746			
						0.746			
						0.746			
						0.746			
						0.746			
						0.746			
						0.746			
						0.746			

Total Kilowatts 0.94 | 0.94

Heating and Cooling Equipment

A	B	C	D	E	F	G	H	I	J
		Cooling				Heating			
Equipment Mark	Description	Design Output	Efficiency	Conversion Factor	Source kBtu/hr	Design Output	Efficiency	Conversion Factor	Source kBtu/hr
na	All Fans From Worksheet Above		na	10.239			na	10.239	
RPND-58C	HEAT PUMP	56.0	9	10.239	63.71	56.0	2.86	10.239	200.5

Total 63.71   Total 200.5

Performance Data

Model Number RPND-	Cooling Capacity — Indoor Air 80° F.D.B./67° F.W.B., Outdoor Air 95° F.D.B., Design Conditions: Total Capacity BTU/Hr.	Net. Sens. BTU/Hr.	Net. Lat. BTU/Hr.	Single Phase: SEER	Single Phase: Total Watts	ARI Sound Rating	Indoor CFM	ARI Heating Performance (70°F Indoor Air) — Outside Air 47°F.D.B./43°F.W.B. DOE High Temperature: BTU/Hr.	Total Watts	COP	Outside Air 17°F.D.B./15°F.W.B. DOE Low Temperature: BTU/Hr.	Total Watts	COP	DOE Region IV HSPF
018J	18,000	13,800	4,200	10.20	1989	8.0	650	17,200	1586	3.18	8,600	1433	1.76	6.60
024J	23,000	17,900	5,100	9.70	2541	8.0	850	23,600	2163	3.20	12,500	1929	1.90	6.90
030J	30,200	21,600	8,600	9.85	3471	8.0	1000	30,600	3020	2.96	15,500	2392	1.90	6.60
035J	33,600	25,400	8,200	9.50	3735	8.2	1250	35,200	3325	3.10	20,200	2845	2.08	7.00
042J	42,000	31,000	11,000	9.55	5034	8.0	1600	44,000	4178	3.10	24,000	3346	2.10	6.95
048J	47,500	35,000	12,500	9.50	5595	8.2	1750	49,000	4752	3.04	27,600	3774	2.16	7.10
058J	56,000	41,000	15,000	9.00	6914	8.4	2015	56,000	5742	2.86	32,000	4692	2.00	6.60

Model Number RPND-	Cooling Capacity — Indoor Air 80° F.D.B/67° F.W.B., Outdoor Air 95° F.D.B., Design Conditions: Total Capacity BTU/Hr.	Net. Sens. BTU/Hr.	Net. Lat. BTU/Hr.	Three Phase: SEER	Three Phase: Total Watts	ARI Sound Rating	Indoor CFM	ARI Heating Performance (70°F Indoor Air) — Outside Air 47°F.D.B/43°F.W.B. ARI High Temperature: BTU/Hr.	Total Watts	COP	Outside Air 17°F.D.B./15°F.W.B. ARI Low Temperature: BTU/Hr.	Total Watts	COP	DOE Region IV HSPF
036C	36,200	26,200	10,000	9.00	4510	8.2	1250	36,600	3677	2.92	18,800	2997	1.80	6.60
036D	36,200	26,200	10,000	9.00	4510	8.2	1250	36,600	3677	2.92	18,800	2997	1.80	6.60
042C	42,000	31,000	11,000	9.55	4984	8.0	1500	44,000	4178	3.10	22,400	3346	1.96	6.95
042D	42,000	31,000	11,000	9.55	4984	8.0	1500	44,000	4178	3.10	22,400	3346	1.96	6.95
048C	47,500	35,000	12,500	9.50	5595	8.2	1750	49,000	4752	3.04	25,800	3774	2.00	7.10
048D	47,500	35,000	12,500	9.50	5595	8.2	1750	49,000	4752	3.04	25,800	3774	2.00	7.10
048Y	47,500	35,000	12,500	9.50	5595	8.2	1750	49,000	4752	3.04	25,800	3774	2.00	—
→ 058C	56,000	41,000	15,000	9.00	6914	8.4	2015	56,000	5742	2.86	32,000	4692	2.00	6.6
058D	56,000	41,000	15,000	9.00	6914	8.4	2015	56,000	5742	2.86	32,000	4692	2.00	6.6
058Y	56,000	41,000	15,000	9.00	6914	8.4	2015	56,000	5742	2.86	32,000	4692	2.00	—

Electrical and Physical Data

Model No. RPND-	Electrical: Phase Hertz Volts	Compressor RLA	Compr LRA	Fan Motor FLA	BLR Motor FLA	Minimum Circuit Ampacity Amps	Fuse or HACR Circuit Breaker: Min Amps	Fuse or HACR Circuit Breaker: Max Amps	Physical: Drive Type	Filter Recommended No. and Size	Outdoor Coil: Area Sq. Ft.	Outdoor Coil: No. Rows	Outdoor Coil: CFM	R22 Oz	Net Wt. Lbs	Ship Wt. Lbs
018J	1-60-208/230	10.1/9.6	50	.5	1.2	15/15	15/15	20/20	Direct	(1)1X20.0X16.0	8.7	1	1790	63	312	385
024J	1-60-208/230	12.9/12.9	65	.5	1.5	19/19	20/20	25/25	Direct	(1)1X20.0X20.0	8.4	2	1760	80	312	385
030J	1-60-208/230	16.6/14.8	81	1.3	3.1	25/23	30/30	35/35	Direct	(1)1X25.0X20.0	9.2	2	2400	101	373	450
035J	1-60-208/230	20.2/18.7	98	1.3	3.6	31/29	35/35	40/40	Direct	(1)1X25.0X25.0	9.2	2	2400	92	373	450
036C	3-60-208/230	14.3/13.0	78	1.3	3.6	23/21	25/25	30/30	Direct	(1)1X25.0X25.0	9.2	2	2400	96	373	450
036D	3-60-460	6.7	41	.7	1.6	11	15	15	Direct	(1)1X25.0X25.0	9.2	2	2400	96	373	450
042C	3-60-208/230	15.1/13.8	82	2.0	3.6	24/22	25/25	35/35	Direct	(1)1X25.0X25.0	13.4	2	2400	126	460	500
042D	3-60-460	7.0	41	1.0	1.6	11	15	15	Direct	(1)1X25.0X25.0	13.4	2	2400	126	450	500
042J	1-60-208/230	22.0/20.5	110	2.0	3.6	33/31	35/35	45/45	Direct	(1)1X25.0X25.0	13.4	2	2400	126	450	500
048C	3-60-208/230	20.6/16.7	92	2.0	3.4	31/26	30/30	40/40	Direct	(2)1X20.0X20.0	13.4	2	3200	144	470	520
048D	3-60-460	8.2	46	1.0	1.0	12	15	20	Direct	(2)1X20.0X20.0	13.4	2	3200	144	470	520
048J	1-60-208/230	27.5/23.0	118	2.0	3.4	40/34	40/40	50/50	Direct	(2)1X20.0X20.0	13.4	2	3200	144	470	520
048Y	3-60-575	5.5	36	.7	1.0	9	10	15	Direct	(2)1X20.0X20.0	13.4	2	3200	144	470	520
058C	3-60-208/230	21.5/19.4	126	2.0	7.1	36/33	35/35	40/40	Direct	(2)1X25.0X20.0	14.4	2	3200	150	485	535
058D	3-60-460	9.6	62	1.0	3.2	18	20	25	Direct	(2)1X25.0X20.0	14.4	2	3200	150	485	535
058J	1-60-208/230	33.0/28.5	180	2.0	7.1	50/45	50/50	60/60	Direct	(2)1X25.0X20.0	14.4	2	3200	150	485	535
058Y	3-60-575	7.0	50	.7	2.2	12	15	15	Direct	(2)1X25.0X20.0	14.4	2	3200	150	485	535

*Designed for single point power supply. See Mimimum Circuit Ampacity chart for ampacity ratings.

NOTE: Four and Five Ton Canadian only models, 048Y & 058Y, are not ARI Listed.

333 7658

Envelope Summary Form & Worksheet (Part 1 of 2) CF-2

Project Title

Documentation Author/Firm | Date

For Enforcement Agency Use Only

Plan Checked By | Date

Roof

A Roof Type	B Area	C Proposed R-value	D Area / R-value
R-1	1784	15.33	116.37
Total	1784	Total	116.37
		Average R-value	116.37.
			Col B / Col D

Floor Area/Soffits

A Floor/Soffit Type	B Area	C Proposed R-value	D Area / R-value
NA	NA	NA	NA
Total		Total	
		Average R-value	NA
			Col B / Col D

Glazing in Roof

A	B	C	D	E	F	G	H	I
	Surface Area							
Type	North	East	South	West	Horizontal	Total (A_t)	Proposed U-value	Proposed SC
NA	NA	NA	NA	NA	NA	NA	NA	NA
					Total	NA		

Exterior Wall Area

B	C	D	E	F
Surface Area				
North	East	South	West	Total
646	550	646	512	2354

Envelope Summary Form & Worksheet (Part 2 of 2) CF-2

Project Title

Documentation Author/Firm Date

For Enforcement Agency Use Only

Plan Checked By Date

Opaque Exterior Walls and Doors

A	B	C	D	E	F	G	H	I	J	K
	Surface Area					Proposed Wall			Requirement	
Wall Type	North (A_n)	East (A_e)	South (A_s)	West (A_w)	Total (A_t)	Heat Capacity	R-Value (R_t)	A_t / R_t	R-Value (R_r)	A_t / R_r
W-1	616	550	616	206	1988	8.14	1.96	1014	7.52	264.3
Totals	616	550	616	206	1988		Total	1014	Total	264.3
							Weighted Average R-Value	Proposed: 1.96 (Col F / Col I)		Required: 7.52 (Col F / Col K)

Glazing in Walls

A	B	C	D	E	F	G	H	I	J	K
	Surface Area					Glazing Characteristics		Weighted Averages		
Glazing Type	North (A_n)	East (A_e)	South (A_s)	West (A_w)	Total (A_t)	U-Value	SC	Total Area x U-Value	West Area x SC	Total Area x SC
G-1	30	0	30	306	366	1.00	0.95	366	290.7	347.7
Totals	30	0	30	306	366			366	290.7	347.7
							Averages	U-Value: 1.00 (Col I / Col F)	West SC: 0.95 (Col J / Col E)	Total SC: 0.95 (Col K / Col F)

SC Adjustment Notes:

Construction Assembly Compliance Form

CF-3

Project Title ________________

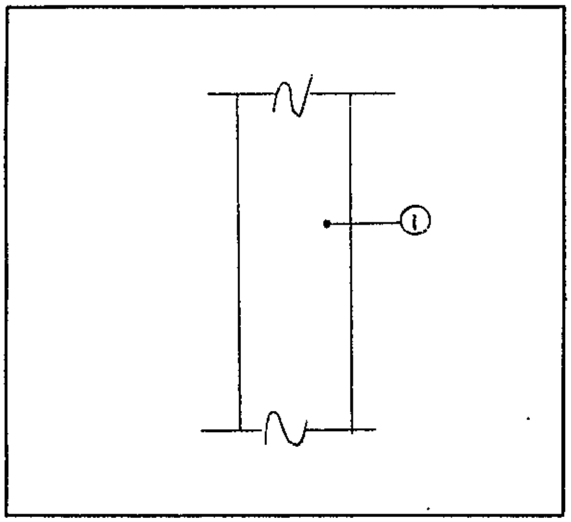
Documentation Author/Firm ________ Date ________

For Enforcement Agency Use Only

Plan Checked By ________ Date ________

General Information

1	Assembly Type and Number	W-1	
2	Framing Type		
3	Framing Size		
4	Framing Spacing		inches
5	Insulation in Cavity		F-sf-hr/Btu
6	Effective R-value of Cavity/Framing		F-sf-hr/Btu



Sketch of Construction Assembly

List of Construction Components

	A Description	B R-value	C Wall Weight (lb/sf)	D Specific Heat (Btu/F-lb)	E HC Col C x Col D (Btu/F-sf)
1	8" C.M.U.	1.11	40.7	0.2	8.14
2					
3					
4					
5					
6					
7					

8	Total R-Value w/o films	1.11
9	Inside surface air film	0.68
10	Outside surface air film	0.17
11	Total thermal resistance (R_t)	1.96
12	U-value (1 / Line 11)	0.51

Total HC 8.14

Construction Assembly Compliance Form CF-3

Project Title ______

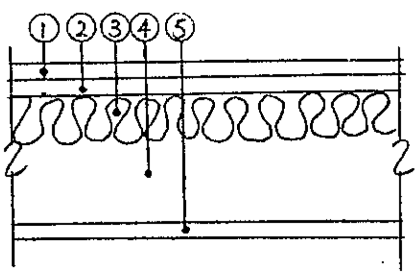
Documentation Author/Firm ______ Date ______

For Enforcement Agency Use Only

Plan Checked By ______ Date ______

General Information

1 Assembly Type and Number R-1
2 Framing Type . . . . ______
3 Framing Size . . . . ______
4 Framing Spacing . . . . ______ inches
5 Insulation in Cavity . . . . ______ F-sf-hr/Btu
6 Effective R-value of Cavity/Framing . . . . ______ F-sf-hr/Btu



Sketch of Construction Assembly

List of Construction Components

	A Description	B R-value	C Wall Weight (lb/sf)	D Specific Heat (Btu/F-lb)	E HC Col C x Col D (Btu/F-sf)
1	BUILT-UP ROOFING	0.33	2.2	0.35	0.77
2	1/2" PLYWOOD	0.62	1.8	0.29	0.51
3	R-11 (2"x6" WOOD @ 16")	10.71	-	-	-
4	AIR SPACE	1.0	-	-	-
5	ACOUSTICAL CEILING TILE	1.89	-	-	-
6					
7					

8 Total R-Value w/o films . . . . 14.55 Total HC 1.28
9 Inside surface air film 0.61
10 Outside surface air film 0.17
11 Total thermal resistance (R_t) 15.33
12 U-value (1 / Line 11) 0.065

Mandatory Measures Checklist

MF-1

Project Title ____________________

Documentation Author/Firm ____________ Date ________

For Enforcement Agency Use Only

Plan Checked By ____________ Date ________

This Checklist is applicable to both First and Second Generation Nonresidential Standards Compliance.

Reference in Construction Documents

Envelope Measures

- [ ] Certified insulation materials per 2-5311(a) . . . . ________
- [ ] Insulation installed to meet flame spread and smoke density requirements of 2-5311(b) . . . . ________
- [ ] Urea formaldehyde foam insulation is installed per 2-5311(c) . . . . ________
- [ ] Retrofit insulation specified as per 2-5313 . . . . ________
- [ ] Air infiltration is minimized by specification of tested manufactured doors and windows, proper sealing and caulking of joints and openings in exterior walls, and weatherstripping as per Section 2-5317 . . . . . . ________

Lighting System Measures

- [ ] Certified luminaires/ballasts per 2-5314(b) . . . . ________
- [ ] Independent control w/ enclosed areas per 2-5319(a) . . ________
- [ ] Manual switching readily accessible per 2-5319(b) . . . . ________
- [ ] Reduction of lighting load to at least one half per 2-5319(c). Occupancy sensors or programmable timers meeting CEC criteria may substitute . . . . ________
- [ ] Separate switching of daylit areas per 2-5319(d) . . . . ________
- [ ] Separate switching of display and valance lighting in retail and wholesale stores per 2-5319(h) . . . . ________
- [ ] Automatic control of display lighting in retail and wholesale stores per 2-5319(h) . . . . ________
- [ ] Tandem wiring of one- and three-lamp luminaires per 2-5319(l). . . . . ________

Daylighting and Lumen Maintenance Controls (when applicable)

- [ ] Uniformly illumination reduction to one-half per 2-5319(e)1 . . . . ________
- [ ] Flicker free operation and no premature lamp failure per 2-5319(e)2 . . . . ________
- [ ] Time delays to prevent undesirable cycling per 2-5319(e)3 . . . . ________
- [ ] Step switching devices with separation between on/off settings per 2-5319(e)4 . . . . ________
- [ ] Photocell sensors with a diffusing cover and no opaque cover per 2-5319(e)5 . . . . ________
- [ ] Manufacturer's instructions provided for installation and calibration per 2-5319(e)6 . . . . ________
- [ ] Proper installation of controls including sensor location, certification of initial calibration and control of luminaires only within daylit area per 2-5319(e)8 . . . . ________
- [ ] Visible or audible malfunction alarms per 2-5319(g) . . . ________

Occupancy Sensing Devices (when applicable)

- [ ] Visible or audible malfunction alarms per 2-5319(g) . . . ________
- [ ] Limits on emissions per exceptions to 2-5319(e) . . . . ________

HVAC and Plumbing System Measures

- [ ] Piping insulated as required by 2-5312 . . . . ________
- [ ] Certified HVAC equipment per 2-5314(a) . . . . ________
- [ ] Certified plumbing equipment per 2-5314(a) . . . . . . ________
- [ ] Heating and cooling equipment efficiency per 2-5314(b) . ________
- [ ] Pilotless ignition of gas appliances per 2-5314(c) . . . . ________
- [ ] Automatic controls for off-hours per 2-5315(a)1 . . . . . ________
- [ ] Thermostat set point requirements per 2-5315(a) . . . . ________
- [ ] Sequential control of heating and cooling per 2-5315(a)3 ________
- [ ] Automatic exhaust fan dampers per 2-5316(b) . . . . . ________
- [ ] Thermostat controls for each zone per 2-5315(b) . . . . ________
- [ ] Ventilation provided per 2-5316 and 2-5343 . . . . . . ________
- [ ] Ventilation and recirculation air quantity information provided per 1403(b)3 . . . . ________
- [ ] Heaters for domestic hot water and/or pools per 2-5318 . ________

BUILDING PERMIT APPLICATION

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (SEC. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to provisions of the Contractors License Law (Chapter 9 (commencing with Sec. 7000) of Div. 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.).

☐ I as owner of the property, or my employees with wages as their sole compensation will do the work, and the structure is not intended or offered for sale (Sec 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with a licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who

☐ I am exempt under Section____________B.&P.C. for this reason

Signature of Applicant or Agent ____ Date ____

LICENSED CONTRACTORS DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provision of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

[signature] 4-17-96

Signature of Applicant or Agent Date

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent of self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☒ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: STATE FUND

Policy No. 229-96 UNIT 0008576

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provision of Sec. 3700 of the Labor Code, I shall forthwith comply with those provisions.

[signature] 4-16-96

Signature of Applicant or Agent Date

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UN-LAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ____

Lender's Address ____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature]

Signature of Applicant or Agent Date

CITY OF SOUTH EL MONTE

1415 Santa Anita Avenue
South El Monte, CA 91733
Hours: 7:00 a.m. to 11:30 a.m.
Monday - Friday
Inspection Request (818) 579-6540

SITE ADDRESS: 2540 S. Rosemead Bl.

ASSESSOR PARCEL NUMBER: BOOK 8102 PAGE 037 PARCEL 020

ADDITIONAL INFORMATION / LEGAL DESCRIPTION:

PROPERTY OWNER: T.G. Group.

MAILING ADDRESS: 15801 E. Valley Bl.

CITY	STATE	ZIP
Industry	Ca.	91744

PHONE NUMBER: 818-333-5151

PRINCIPAL DESIGNER'S NAME: | LICENSE NO.:

ADDRESS:

CITY: | STATE: | ZIP:

PHONE NUMBER:

APPLICANT / CONTACT PERSON: Willie M. Brandenburg.

PHONE NUMBER: 310-699-0336.

CONTRACTOR'S NAME: Willie's Construction, Inc.

ADDRESS: 11513 E. Washington Bl. Suite A

CITY	STATE	ZIP
Whittier	Ca.	90606.

PHONE NUMBER: 310-699-0336

LICENSE CLASS	LICENSE NUMBER	EXPIRATION DATE
B.	404279	5-31-97

DESCRIPTION OF WORK: Demo & Remove Existing Drive-in Theater Screen.

OCC. GROUP	TYPE(S) OF CONSTRUCTION	NO. OF STORIES

SQUARE FOOTAGE: | FIRE SPRINKLERS: YES NO

STATISTICAL CLASSIFICATION NO. 649 | UNIT(S) | CODE IN EFFECT

SPECIAL CONDITIONS / PLANNING FILE NO.

$ ____ INITIAL VALUATION $ ____ REVISED VALUATION

PLAN CHECK FEE $ ____

ADDITIONAL PLAN CHECK FEE $ ____

PLAN CHECK NO.	INITIALS / CK#	DATE

ADDITIONAL PLAN CHECK NO.	INITIALS / CK#	DATE

☐ SCHOOL FEES PAID ☐ HEALTH DEPT. APPROVAL
☐ SANITATION DIST. PAID ☐ FIRE DEPT. APPROVAL
☐ PUBLIC WORKS FEES PD ☐ SCAQMD
☐ ____ ☐ INDUSTRIAL WASTE APR..
☐ ____ ☐ OSHA PERMIT OBTAINED

E-1922

BUILDING PERMIT FEE	$ 122.25
ISSUANCE FEE	$ 21.00
SMIP FEE	$
	$
	$
	$
TOTAL BUILDING PERMIT FEE	$ 143.25

PERMIT NO.	INITIALS	DATE
007238	JP CK NO. 576	4/18/96

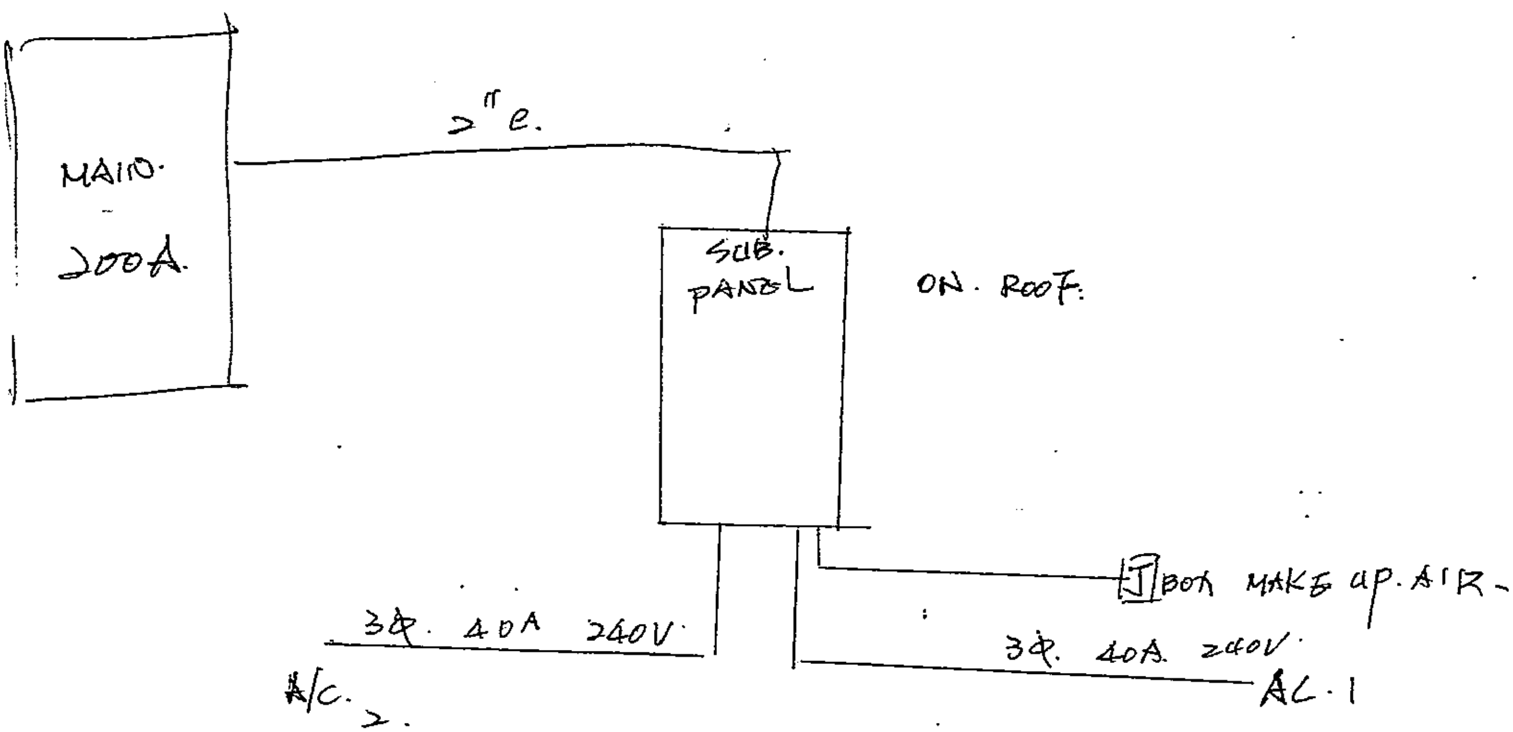
FINALED BY: G. [signature] DATE: 4-25-96

JOB, ADDRESS	
2540. N. ROSEMEAD ~~CA.~~ SO. EL MONTE.	
APPLICANT OR AGENT	
OWNER	
JOHN. TSAI.	
PERMIT NO.	DATE

CITY OF SOUTH EL MONTE

SINGLE LINE LOAD DIAGRAM
INDICATE EXISTING LOAD

ELECTRICAL PLAN SHEET - USE BOTH SIDES



APPLICATION FOR ELECTRICAL PERMIT

CITY OF SO EL MONTE

1

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	
Building Address 2540 N. ROSEMEAD SOUTH EL MONTE.	
Owner JOHN TSAI.	
Mail Address 2540. N. ROSEMEAD.	
City SOUTH EL MONTE.	Tel. No. (818) 448-8968
Contractor LONG SHINE ELECTRIC CO.	
Address 2455. EDWARDS. AVE.	
City SOUTH EL MONTE.	Tel. No. 448-8968
State Lic. No. 521549.	Lic. Class C-10

Architect or Engineer	Lic. No.
Address	
City	Tel. No.
Applicant	Tel. No.
Address	
City	Zip
Legal Description	Lot No.
Block	Tract
Size of Lot	No. of Bldgs. Now on Lot
Use of Buildings	

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License Number 521549

Date 8-29. Contractor Lon Hua Lee

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec.______, B. & P. C. for this reason______

Date______ Owner______

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 80017713. Company FAIRMONT

☐ Certified copy is hereby furnished. ☐ Certified copy is filed with the city building inspection department.

Date 12-31-91 Applicant Lon Hua Lee

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date______ Applicant______

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name______ Lender's Address______

This permit will expire if work is not started within **120** days of issuance or if the work is abandoned or suspended for **120** days.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Lon Hua Lee 9-5-91

Signature of Applicant or Agent Date

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	Each	No.	Fee
New Residential Bldgs. & Pools			
1 & 2-Family, Sq. Ft.____	$	—	$
Multi-Family, Sq. Ft.____		—	
Residential Swimming Pools			
Outlets: Rec.__ Light__ Sw.__ First 20			
Total No.____ Additional			
Lighting Fixtures First 20			
Total No.____ Additional			
Fixed Appliances Not Over 1 HP			
Range__ Heater__ D.W.__			
Oven__ Dryer__ W.M.__			
Top__ FAU__ W.H.__			
Hood__ Fan__ Other__			
Disp.__ Room Air Cond.__			
Power Apparatus & Large Appliances Size & Type HP, KW, KVA, or KVAR			
____ Up to 1 Incl.			
____ Over 1 to 10 Incl.			
____ Over 10 to 50 Incl.			
____ Over 50 to 100 Incl.			
____ Over 100			
Services SUB PANEL.			29 25
0 - 200 Amp. Under 600 V			
201 - 1000 Amp. Under 600 V			
Over 1000 Amp. or Over 600 V			
Temp. Power Pole & Appurtenances			
Sign with One Branch Circuit			
Additional Sign Branch Circuits			
Misc. Conduits & Conductors			
Other (See Compl. Fee Sched.)____			
PERMIT FEE (Sub-Total)			29 25
PLAN CHECKING FEE			
PERMIT ISSUING FEE $			21 00
TOTAL FEE			50,25

PLAN CHECK VALIDATION

CK. CASH M.O.

PERMIT VALIDATION

01463

#1037 9/6/91 50.25

CK. CASH M.O.

INSPECTOR COPY

E-1924

MECH EQUIP

APPLICATION FOR ELECTRICAL PERMIT

CITY OF

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	
Building Address	2540 N. ROSEMEAD SOUTH EL MONTE
Owner	JOHN TSAI.
Mail Address	2540 N. ROSEMEAD.
City	SOUTH EL MONTE. Tel. No.
Contractor	LONG SHINE ELECTRIC CO
Address	2455 EDWARDS AVE.
City	SOUTH EL MONTE. Tel. No. 448-8968
State Lic. No.	521549. Lic. Class C-10

Architect or Engineer	Lic. No.
Address	
City	Tel. No.
Applicant	Tel. No.
Address	
City	Zip
Legal Description	Lot No.
Block	Tract
Size of Lot	No. of Bldgs. Now on Lot
Use of Buildings	

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License Number 521549

Date 8-29 Contractor Lon Awa Lee

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec.______, B. & P. C. for this reason______

Date______ Owner______

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. R-8881713 Company FAIRMONT.

☐ Certified copy is hereby furnished. ☐ Certified copy is filed with the city building inspection department.

Date 12-31-91 Applicant Lon Awa Lee

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date______ Applicant______

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name______ Lender's Address______

This permit will expire if work is not started within **120** days of issuance or if the work is abandoned or suspended for **120** days.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Lon Awa Lee — Signature of Applicant or Agent

8-29-91 — Date

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	Each	No.	Fee
New Residential Bldgs. & Pools			
1 & 2-Family, Sq. Ft.___	$	—	$
Multi-Family, Sq. Ft.___		—	
Residential Swimming Pools			
Outlets: Rec.__ Light__ Sw.__ First 20			
Total No.__ Additional			
Lighting Fixtures First 20			
Total No.__ Additional			
Fixed Appliances Not Over 1 HP			
Range__ Heater__ D.W.__			
Oven__ Dryer__ W.M.__			
Top__ FAU__ W.H.__			
Hood__ Fan__ Other__			
Disp.__ Room Air Cond. 2	1150	2	23.00
Power Apparatus & Large Appliances			
Size & Type HP, KW, KVA, or KVAR			
2 Up to 1 Incl. MAKE	1150	2	23.00
Over 1 to 10 Incl.			
Over 10 to 50 Incl.			
Over 50 to 100 Incl.			
Over 100			
Services			
0 - 200 Amp. Under 600 V			
201 - 1000 Amp. Under 600 V			
Over 1000 Amp. or Over 600 V			
Temp. Power Pole & Appurtenances			
Sign with One Branch Circuit			
Additional Sign Branch Circuits			
Misc. Conduits & Conductors			
Other (See Compl. Fee Sched.)___			
PERMIT FEE (Sub-Total)			46.00
PLAN CHECKING FEE			
PERMIT ISSUING FEE	$		21.00
TOTAL FEE			67.00

PLAN CHECK VALIDATION

CK. CASH M.O.

PERMIT VALIDATION 01438

67.00
1030 8-29-91
(CK) CASH M.O.

E-1925
INSPECTOR COPY

1

Starlight Drive in Theater

APPLICATION FOR PLUMBING PERMIT

CITY OF

Building Address 2540 No. Rosemead S. El Monte

Owner Benson

Mail Address 2540 No. Rosemead

City So. El Monte Tel. No. 448-2810

Contractor Mon-Arc Plumbing Co

Address 340 W. Evergreen Ave

City Monrovia Tel. No. 446-8920

State Lic. No. 244957 Lic. Class C-36

Architect or Engineer Lic. No.

Address

City Tel. No.

Applicant Tel. No.

Address

City Zip

Legal Description Lot No.

Block Tract

Size of Lot No. of Bldgs. Now on Lot

Use of Buildings

FOR APPLICANT TO FILL IN (PRINT OR TYPE)

Number	Fixture or Item	@	Fee
	Toilet		
	Bath Tub		
	Shower		
	Lavatory		
	Sink		
	Dishwasher		
	Clothes Washer		
	Swimming Pool Receptor		
	Lawn Sprinkler System		
	Water Heater		
	Gas System Outlets		
	Outlets over 5 per system		
4	Cap-off Existing Drains	7.50	30—
PLAN CHECK FEE			
	PLUMBING PERMIT ISSUING FEE $		13—
	TOTAL FEE $		43—

1

INSPECTOR COPY

E-1926

PLAN CHECK VALIDATION

CK. CASH M.O.

PERMIT VALIDATION

#. 05743 1/7/86 $43.00

B.V.R. CK #12835 CASH M.O.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-36 License Number 244957

Date 12-17-85 Contractor David R. Miller

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec.______, B. & P. C. for this reason______

Date______ Owner______

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 86 WC 2096650 Company Safeco

☐ Certified copy is hereby furnished. ☒ Certified copy is filed with the city building inspection department. Division

Date 12-17-85 Applicant Mon-Arc Plumbing Co

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date______ Applicant______

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name______ Lender's Address______

This permit will expire if work is not started within **120** days of issuance or if the work is abandoned or suspended for **120** days.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

David R. Miller 12-17-85

Signature of Applicant or Agent Date

APPLICATION FOR HEATING, VENTILATING, AIR CONDITIONING PERMIT

CITY OF SO EL MONTE

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	
Building Address 2540 N. ROSEMEAD BLVD	
S. EL MONTE CA 91733	
Owner JHON TSAI	
Mail Address 1130 PALOMAR RD	
City SAN MARINO CA	Tel. No. 333-5151
Contractor L & T A/C & HEATING	
Address 2455 EDWARDS AVE	
City S. EL MONTE CA	Tel. No. 443-1495
State Lic. No. 509737	Lic. Class C20

Architect or Engineer	Lic. No.
Address	
City	Tel. No.
Applicant	Tel. No.
Address	
City	Zip
Legal Description	Lot No.
Block	Tract
Size of Lot	No. of Bldgs. Now on Lot
Use of Buildings	

FOR APPLICANT TO FILL IN (PRINT OR TYPE)

No.	Type of Appliance or Equipment	Fee	
	Absorption Unit, BTU		
2	Air Handling Unit, CFM 2000	39	00
	Boiler, BTU		
2	Compressor, BTU 600000	39	00
	Ventilation System		
2	Evaporative Cooler	[illegible]	
	Furnace: FAU ___ Gravity ___ Floor ___ BTU ___	32	50
	Heater: Suspended ___ Unit ___ Wall ___		
[illegible]	[illegible]		
	Plan Check fee ___% of above.		
	PERMIT ISSUING FEE $	21	00
	TOTAL FEE	131	50

PLAN CHECK VALIDATION

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 License Number 509737

Date 8/27/91 Contractor [signature]

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec.______, B. & P. C. for this reason______

Date______ Owner______

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WCG 80513415 Company FAIRMONT

☐ Certified copy is hereby furnished. ☒ Certified copy is filed with the city building inspection department.

Date 8/27/91 Applicant [signature]

CK. CASH M.O.

PERMIT VALIDATION

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date______ Applicant______

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name______ Lender's Address______

This permit will expire if work is not started within **120** days of issuance or if the work is abandoned or suspensed for **120** days.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

[signature] Signature of Applicant or Agent 8/27/91 Date

#1168 8/27/91 131.50

01414

(CK.) CASH M.O.

E-1927

INSPECTOR COPY

CITY OF SOUTH EL MONTE

APPLICATION FOR BUILDING PERMIT

538A CE #603- 1-61

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUP'T OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 2559 No Chico
LOT NO.: 29 BLOCK
TRACT: 621
SIZE OF LOT: 660 x 630 NO. OF BLDGS. NOW ON LOT: 5
USE OF EXISTING BLDG.
OWNER: Carl & Fred Bratcher TEL. NO. Gi 4-4680
ADDRESS: Same
ARCHITECT OR ENGINEER: Lloyd A. Walls TEL. NO. PL 5115[illegible]
ADDRESS: Po. 1735 - Huntington Park [illegible]
CONTRACTOR: Owner - Builder TEL. NO. Gi 4-4680
ADDRESS: 2559 - No. Chico

DESCRIPTION OF WORK

(NEW) ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE: Retaining Wall

SIGNATURE OF APPLICANT: Carl J. Bratcher
VALUATION $ 2000.00

P.C. FEE $ 7.50 PMT. FEE $ 15.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: Carl J. Bratcher
ADDRESS: 2559 No Chico El Monte

PLAN CHECK VALIDATION (CK.) M.O. CASH

LACo 60918 OCT 26 2 3 B 7.50 62

BUILDING ADDRESS: 2540 Rosemead
LOCALITY: So El Monte
NEAREST CROSS ST.: Garvey Av.
DISTRICT NO.: 5104 GROUP: I TYPE CONST.: V PROCESSED BY: [illegible]
STATISTICAL CLASSIFICATION CLASS. NO. 23 DWELL. UNITS — SEWER MAP BK P 59 PG
WATER CERTIFICATE: NOT REQUIRED [X] RECEIVED [ ]
MAP NO. 2134 HIGHWAY (CIRCLE) (STATE) MAJOR SECOND, (LOCAL)
USE ZONE: M 1½ SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT R. L.			Rosemead	132
SIDE R. L.			Chico	60

INSPECTION RECORD

Wall on Chico

11/14/62	? Wall on Soil DLD
11/21/62	Wall steel OK DLD
11/27/62	Wall steel OK DLD
12/4	Cnte. Set Wall [illegible] Steel OK

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	11/21/62	DDW
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	6/6/63	DDW

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PERMIT VALIDATION (CK.) M.O. CASH

LACo 60928 OCT 26 1 B 15.00 62

Bonham

INSPECTOR COPY

1

JUN 29 1954

BUILDING
APPLICATION

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

FOR APPLICANT TO FILL IN

OWNER: FORD & CARL BRATCHER
MAIL ADDRESS: 2559 CHICO ST.
CITY: EL MONTE — TEL. NO. FO. 87631
ARCHITECT OR ENGINEER: — TEL. NO.:
ADDRESS:
CONTRACTOR: John R Kennedy — TEL. NO. 3G 879583
ADDRESS: 3396 D ST. SAN BERNARDINO
BUILDING ADDRESS: 2540 No. ROSEMEAD
LOT NO.: 29 & Por of 30 — BLOCK:
TRACT: 621
SIZE OF LOT: — — NO. OF BLDGS. NOW ON LOT: 6
USE OF EXISTING BLDG.: ABANDONED DAIRY

DESCRIPTION OF WORK

NEW — (ADD) — ALTER — REPAIR — DEMOLISH
SQ. FT. SIZE: — NO. OF STORIES: — NO. OF FAMILIES:
USE OF STRUCTURE:

Add 13' To each side of EXISTING SCREEN TOWER USING ORIGINAL STEEL & Foundation DETAILS

NO. OF EMPLOYEES: 4 TO 5

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: John R Kennedy
ADDRESS: 3396 "D" St. San Bernardino
AUTHORIZED AGT.: Contractor

$ 4200.00 VALUATION
P. C. FEE $ 7.00
FEE $ 14.00

BUILDING ADDRESS: 2540 N. Rosemead Av
LOCALITY: El Monte — 1
NEAREST CROSS ST.: Garvey

DISTRICT NO.	RECEIPT NO.	PERMIT NO.
2	A8 8205	E63772B
GROUP	**DATE RECEIVED**	**DATE ISSUED**
G	6/29/54	7/21/54
TYPE CONST.	**RECEIVED BY**	**ISSUED BY**
IV	J James	J James

MAP NUMBER: 2124 — STATE HWY: (YES) NO
USE ZONE: M 1½ — SPECIAL CONDITIONS: ✓ Mills 6/30/54

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	0	50	Rosemead	132
SIDE P. L.				

DATE	CORRECTIONS	INSPECTOR
	INDUSTRIAL WASTE CLEARANCE NOT REQUIRED	

ORIGINAL

APPROVALS	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS	Davies	8/9/54
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	Davies	6/16/55

76A638A DBS 3 12-53

76A638A CE #803 - 7-56

APPLICATION FOR BUILDING PERMIT

1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

L7

BUILDING ADDRESS 2540 No. ROSEMEADE
LOCALITY EL MONTE
NEAREST CROSS ST.

DISTRICT NO.	GROUP	TYPE CONST.	SEWER	MAP
2	F	V	F	66

STATISTICAL CLASSIFICATION
CLASS. NO. ____ DWELL. UNITS ____

MAP NUMBER 2124 — STATE HWY YES (NO)

USE ZONE M1 1/2 — SPECIAL CONDITIONS 1494 — 50 E ROSEMEADE

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	—	0	Rosemead	132
SIDE REAR	—		CHICO	60'

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 2540 N. ROSEMEADE
LOT NO. 29 & Pt 30 BLOCK
TRACT 621
SIZE OF LOT 10 ACRES — NO. OF BLDGS. NOW ON LOT 5
USE OF EXISTING BLDG. SNACKBAR - REST ROOMS PROJ. BOOTH SCREEN
OWNER STARLITE DRIVE IN THEATRE
MAIL ADDRESS 2559 No. CHICO
CITY EL MONTE — TEL. NO. 6187632
ARCHITECT OR ENGINEER OWNER — TEL. NO.
ADDRESS 2559 No. CHICO
CONTRACTOR NONE — TEL. NO.
ADDRESS

DESCRIPTION OF WORK

NEW (ADD) ALTER REPAIR DEMOLISH
SQ. FT. SIZE 320 — NO. OF STORIES 1 — NO. OF FAMILIES
USE OF STRUCTURE ADD. TO REST ROOMS

SIGNATURE OF APPLICANT
ADDRESS

$ 4000.00 VALUATION — P. C. FEE $6.75 — FEE $13.50

INSPECTION RECORD

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	9/1/57	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS	9/2?/57	[illegible]
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.	Miller	10/1/57
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	7-16-58	Davis

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE Ford Brothers
ADDRESS 2559 N. Chico, El Monte

JOHN A. LAMBIE, COUNTY ENGINEER. — CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH — PERMIT VALIDATION CK. M.O. CASH

321 AUG 20 1 6 6.75 — 0477 AUG 21 1 13.50

76A663
DBS-5A 11-55

APPLICATION FOR ELECTRIC PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 2540 N. [illegible] ADRLITE DRIVE IN
LOCALITY EL MONTE CALIF.
NEAREST CROSS ST. GARVEY BLVD.
OWNER FORD BRATCHER
MAIL ADDRESS
CITY TEL. NO.
ELECTRICIAN ZAMBONI BROS
ADDRESS 15735 S. PARAMOUNT BLVD
CITY PARAMOUNT TEL. NO.
STATE LICENSE NO. 169089 C10

FOR APPLICANT TO FILL IN
PERMIT FEES

NUMBER			FEE
2	LIGHT OUTLETS		
	RECEPTACLES		
2	WALL SWITCHES		
4	TOTAL OUTLETS @	5¢	$ .20
	ELEC. RANGES	25	
1	ELEC. HEATERS	25	.25
	KW EA		
4	FIXTURES	5	.20

MOTORS

NUMBER NEW	MVD.	HP	HORSEPOWER OVER	INC.	FEE EACH
				½ & LESS	$ .25
			½	2	.50
			2	5	1.00
			5	15	1.50
			15	50	2.50
			50	200	5.00

MISC.
3 CLIPPER EX. FANS .75

NO. SIGNS NO. TRANS.
NO. SIGNS NO. LAMPS

FOR EACH PERMIT:		
WIRING	$1.00	1.00
FIXTURES	$1.00	1.00
SUPPLEMENTARY	.50	
TOTAL FEE		$ 3.40

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING ELECTRICAL WIRING.
I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.
SIGNATURE OF PERMITTEE [illegible]

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
2	F	M1½	

INSPECTION RECORD

[illegible]
9/30/57

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
CONDUIT		
WIRING	10/15/57	[illegible]
FIXTURES		
POWER		
UTILITY CO. NOTIFIED		
FINAL	7-14-58	DAVIS

JOHN A. LAMBIE, COUNTY ENGINEER
VALIDATION
CK MO CASH
ARTHUR C. VEIT, CHIEF ELECT. INSPECTOR

LAC 26015 SEP 27 2 3.40

E-1931

76A667
DBS-17 10-55

APPLICATION FOR PLUMBING PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 2540 W. Rosemead
LOCALITY El Monte
NEAREST CROSS ST.

FOR APPLICANT TO FILL IN

OWNER Starlite Drive-In Theatre
MAIL ADDRESS 2559 No Chico
CITY TEL. NO.
PLUMBER Romell Plumbing
ADDRESS 3551 E 53rd St
CITY Maywood TEL. NO. TO 23813
LICENSE NO. 161972 C-36

NUMBER	TYPE OF FIXTURE OR ITEM		FEE
7	WATER CLOSET (TOILET)	@ $1.00	$7.00
	BATH TUB	@ $1.00	
	SHOWER	@ $1.00	
3	LAVATORY (WASH BASIN)	@ $1.00	3.00
	KITCHEN SINK	@ $1.00	
	DISHWASHER	@ $1.00	
	LAUNDRY TUB OR TRAY	@ $1.00	
	CLOTHES WASHER	@ $1.00	
	WATER HEATER	@ $1.00	
	GAS SYSTEM	@ $1.00	
10	URINALS		10.00
2	DRINKING FOUNTAIN		2.00
	PERMIT	$	1.00
	TOTAL FEE		23.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE [signature]

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
2	F	M1½	

INDUSTRIAL WASTE APPROVAL Domestic Only Whitaker 5/3/57

INSPECTION RECORD

Stop leaks in plumbing
Get reinspection
D[illegible]
9/16/57

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
UNDER SLAB WORK	9/17/57	[signature]
ROUGH PLUMBING	10/15/57	Kelly
GAS PIPING		
GAS VENT		
HOT WATER HEATER		
PLUMBING FIXTURES		
GAS TEST		
UTILITY CO. NOTIFIED		
FINAL	7-16-58	[signature]

JOHN A. LAMBIE, COUNTY ENGINEER — VALIDATION (CK. M.O. CASH) — ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

LACo 1740 SEP 13 3 23.00

[signature]

75A667
DBS-17 10-55

APPLICATION FOR PLUMBING PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 2540 N Rosemead
LOCALITY El Monte
NEAREST CROSS ST.

FOR APPLICANT TO FILL IN

OWNER Starlite Drive-in Theatre
MAIL ADDRESS 2559 No Chico
CITY TEL. NO.
PLUMBER Romell Plumbing
ADDRESS 3551 E 53rd St
CITY Maywood TEL. NO. To 23813
LICENSE NO. 161972 - C-36

NUMBER	TYPE OF FIXTURE OR ITEM		FEE
4	WATER CLOSET (TOILET)	@ $1.00	$ 4 00
	BATH TUB	@ $1.00	
	SHOWER	@ $1.00	
1	LAVATORY (WASH BASIN)	@ $1.00	1 00
	KITCHEN SINK	@ $1.00	
	DISHWASHER	@ $1.00	
	LAUNDRY TUB OR TRAY	@ $1.00	
	CLOTHES WASHER	@ $1.00	
	WATER HEATER	@ $1.00	
	GAS SYSTEM	@ $1.00	
1	Drinking Fountain		1 00
		PERMIT $	1 00
		TOTAL FEE	7 00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE [signature]

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
2	F	M1½	

INDUSTRIAL WASTE APPROVAL Conley Whittaker

INSPECTION RECORD

Stop leaks in Plumbing. Call for Re-Inspection
10/3/57 Kelly
11/4/57 Fixtures Not Complete Kelly

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
UNDER SLAB WORK	10/4/57	Kelly
ROUGH PLUMBING	10/15/57	Kelly
GAS PIPING		
GAS VENT		
HOT WATER HEATER		
PLUMBING FIXTURES		
GAS TEST		
UTILITY CO. NOTIFIED		
FINAL	7/16/58	Davis

JOHN A. LAMBIE, COUNTY ENGINEER — VALIDATION — ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

CK. M. O. CASH
LAC 27535 OCT 2 3 7.00

76A663-CE8U8 - 10-56

APPLICATION FOR ELECTRIC PERMIT

1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER 28
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS: 2540 N. ROSEMEAD
LOCALITY: EL MONTE Calif
NEAREST CROSS ST.: GARVEY BLVD
OWNER: FORD BRATCHER (STARLITE THEA.)
MAIL ADDRESS:
CITY: TEL. NO.
ELECTRICIAN: ZAMBONI BROS
ADDRESS: 15735 So PARAMOUNT BLVD
CITY: PARAMOUNT Calif TEL. NO.
STATE LICENSE NO. 169089 C-10

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
2	F	M1/2	

INSPECTION RECORD

FOR APPLICANT TO FILL IN PERMIT FEES

LIGHTS 5 RECEPTACLES SWITCHES

NUMBER	ITEM			EACH	FEE
7	TOTAL OUTLETS			$ .10	$ .70
	ELEC. RANGES, WATER HEATERS, CLOTHES DRYERS			.50	
	ELEC. SPACE HEATERS, STAT'Y. COOKING UNITS, GARBAGE DISPOSERS, AUTO WASHERS, DISHWASHER			.25	
5	LIGHTING FIXTURES			.10	.50
	MOTORS				
	HORSEPOWER				
	H.P.	OVER	INC.		
			½ & LESS	.25	
		½	2	.50	
		2	5	1.00	
		5	15	1.50	
		15	50	2.50	
		50	200	5.00	
	MISC.				
6	HAND DRYERS				1.50
1	CLIPPER EX FANS				.25
	SIGNS	NO. TRANS / NO. LAMPS			
	SERVICE 0 - 600V			1.00	
	SERVICE OVER 600V			5.00	
	WIRING PERMIT			1.00	
	FIXTURE PERMIT			1.00	
	SUPPLEMENTARY PERMIT			.50	.50
	TOTAL FEE				$ 3.45

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING ELECTRICAL WIRING.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE: [signature]

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
CONDUIT		
WIRING	12/13/57	Kelly
FIXTURES		
POWER		
UTILITY CO. NOTIFIED		
FINAL	7/10/58	[illegible]

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION
CK MO CASH

ARTHUR C. VEIT, SUPERVISING ELECTRICAL ENGINEER

Suppl to Permit #2601
dated 9/27/57

LA 3 9 08 OCT 15 2 3.45

Stearne

76A667 17 9-49

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WILLIAM J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT

PLUMBING 2

FOR APPLICANT TO FILL IN

PLUMBER Arlie J. Geipe
ADDRESS 13409 E Thoreyour
CITY Baldwin Park TEL. NO.
COUNTY LICENSE NO. EXPIRES

DISTRICT NO.	GROUP	ZONE	PERMIT NO.
2	—		73896
RECEIVED BY	READY FOR FIRST INSPECTION		DATE ISSUED
B			5/16/50

BUILDING ADDRESS 2546 N. Rosemead
LOCALITY El Monte
NEAREST CROSS ST.
OWNER Starlight Drive-in Theatre
MAIL ADDRESS
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING.

I CERTIFY THAT I POSSESS THE ABOVE VALID LOS ANGELES COUNTY LICENSE, OR I AM THE LEGAL OWNER OF THE RESIDENTIAL PROPERTY DESCRIBED ABOVE.

SIGNATURE OF PERMITTEE Arlie J. Geipe

PERMIT FEES

NUMBER	TYPE OF FIXTURE OR ITEM		FEE
	WATER CLOSET (TOILET)	@ 0.50	$
	BATH TUB	@ 0.50	
	SHOWER	@ 0.50	
	LAVATORY (WASH BASIN)	@ 0.50	
	KITCHEN SINK	@ 0.50	
	LAUNDRY TUB OR TRAY	@ 0.50	
	GAS SYSTEM____OUTLETS	@ 0.50	
	WATER HEATER	@ 0.50	
	SLOP SINK	@ 0.50	
	FLOOR SINK	@ 0.50	
	FLOOR DRAIN	@ 0.50	
	DISHWASHER	@ 0.50	
	DRINKING FOUNTAIN	@ 0.50	
	URINAL	@ 0.50	~~50~~
1	HOUSE SEWER	@ 0.50	50
	MISCELLANEOUS		
	CESSPOOL	@ 1.00	
1	SEPTIC TANK:		1.00
	DRAIN ( ) PIT ( )	@ 1.00	
	PERMIT		1.00
	TOTAL FEE		$ 2.50

INSPECTION RECORD

DUPLICATE

APPROVALS

	DATE	INSPECTOR'S NAME
ROUGH PLUMBING		
GAS PIPING		
GAS VENT		
CESSPOOL		
SEPTIC TANK		
SEWER		
GAS TEST		
UTILITY CO. NOTIFIED		
FINAL		

76A667 17 9-49

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WILLIAM J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
PLUMBING 1

FOR APPLICANT TO FILL IN

PLUMBER Arlie J. Grape
ADDRESS 13409 E Garvey
CITY Baldwin Park TEL. NO.
COUNTY LICENSE NO. EXPIRES

PERMIT FEES

NUMBER	TYPE OF FIXTURE OR ITEM		FEE	
	WATER CLOSET (TOILET)	@ 0.50	$	
	BATH TUB	@ 0.50		
	SHOWER	@ 0.50		
	LAVATORY (WASH BASIN)	@ 0.50		
	KITCHEN SINK	@ 0.50		
	LAUNDRY TUB OR TRAY	@ 0.50		
	GAS SYSTEM ____ OUTLETS	@ 0.50		
	WATER HEATER	@ 0.50		
	SLOP SINK	@ 0.50		
	FLOOR SINK	@ 0.50		
	FLOOR DRAIN	@ 0.50		
	DISHWASHER	@ 0.50		
	DRINKING FOUNTAIN	@ 0.50		
	URINAL	@ 0.50		
1	HOUSE SEWER	@ 0.50		50
	MISCELLANEOUS			
	CESSPOOL	@ 1.00		
1	SEPTIC TANK:		1	00
	DRAIN ( ) PIT ( )	@ 1.00		
	PERMIT		1.00	
	TOTAL FEE		$ 2	50

DISTRICT NO.	GROUP	ZONE	PERMIT NO.
2			74935
RECEIVED BY	READY FOR FIRST INSPECTION		DATE ISSUED
wm			5/19/50

BUILDING ADDRESS 2540 N Rosemead
LOCALITY El Monte
NEAREST CROSS ST.
OWNER Starlight Drive In Theatre
MAIL ADDRESS
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING.

I CERTIFY THAT I POSSESS THE ABOVE VALID LOS ANGELES COUNTY LICENSE, OR I AM THE LEGAL OWNER OF THE RESIDENTIAL PROPERTY DESCRIBED ABOVE.

SIGNATURE OF PERMITTEE Arlie J. Grape

INSPECTION RECORD

Septic Tank
Leaching [illegible]
& Sewer
[illegible]
[illegible]

ORIGINAL

APPROVALS

	DATE	INSPECTOR'S NAME
ROUGH PLUMBING		
GAS PIPING		
GAS VENT		
CESSPOOL	5/19/50	
SEPTIC TANK		
SEWER		
GAS TEST		
UTILITY CO. NOTIFIED		
FINAL		

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WILLIAM J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT

ELECTRIC 1

DISTRICT NO.	GROUP	ZONE	PERMIT NO.
2	—	—	121998
RECEIVED BY: Buckner	READY FOR FIRST INSPECTION		DATE ISSUED: 5-2-50

FOR APPLICANT TO FILL IN

ELECTRICIAN Electrical Products Corp.
ADDRESS 1100 N.Main St.
CITY Los Angeles 12 TEL. NO. CA 1-6141
LICENSE NO. 556-B EXPIRES 6-30-50

BUILDING ADDRESS ~~1001 South~~ Chico 2540
LOCALITY El Monte N. ROSEMEAD
CROSS STREET Garvey Ave.
OWNER F.Bratcher,C.A.Bratcher,& Byron E. Congdon,DBA, ~~Starlite Theatre~~
MAIL ADDRESS 1001 South Chico St.
CITY El Monte,Cal. TEL. NO.

I CERTIFY THAT I POSSESS THE ABOVE VALID LOS ANGELES COUNTY LICENSE.
N. E. Tomfeat
ELECTRICIAN.

I AM THE LEGAL OWNER OF THE RESIDENTIAL PROPERTY DESCRIBED ABOVE.

OWNER.

DESCRIPTION OF WORK

NUMBER	OUTLETS EACH		FEES	
	LIGHTS	5c	$	
	RECEPTACLES	5		
	FIXTURES	5		
	WALL SWITCHES	5		
	ELEC. RANGES	25		
	ELEC. HEATERS	25		
	MISC.			

NUMBER OF CIRCUITS INSTALLED:
LIGHTS RECEPTACLES

MOTORS

NUMBER New	NUMBER Mvd.	HP	HORSEPOWER OVER	HORSEPOWER INC.	FEE EACH		
				½ & LESS	$ .25		
			½	2	.50		
			2	5	1.00		
			5	15	1.50		
			15	50	2.50		
			50	200	5.00		
			200	500	10.00		
			500	1000	15.00		
			OVER 1000		20.00		

M.G. SET/FREQ. CHANGER-HP		
WELDERS: AC-KVA		
GENERATORS - KW		
TRANSFORMERS - KVA		
TEMP. MOTORS (75% OF ORIG.)		
MOVED MOTORS (75% OF ORIG.)		
MISC.		

SIGNS

TYPE: Neon sign &	NO. TRANS. 123	30.	75
TYPE: 1 Gas Tube System	NO. LAMPS 203	4.	06
PERMIT FEE		1.	00
FOR ISSUING PERMIT:			
WITHOUT FIXTURES	$1.00		
WITH FIXTURES	1.25		
SUPPLEMENTARY	.50		
TOTAL FEE		$35.	81

INSPECTION RECORD

ORIGINAL

APPROVALS

	DATE	INSPECTOR'S NAME
CONDUIT		
WIRING	5/4/50	[illegible]
FIXTURES		
POWER		
UTILITY CO. NOTIFIED		
FINAL		

CITY OF SOUTH EL MONTE

Public Records Request

Government Code §6250 et seq.

In order to accurately process your request to inspect or provide copies of public records maintained by the City, please complete the below. In accordance with government code section 6253(c), allow 10 days from receipt of your request to determine whether the request, in whole or in part, seeks copies of disclosable public records in the possession of the City, we will notify you of the determination within the allowable time.

(REQUESTOR INFORMATION – PLEASE PRINT)

1. Name: Deborah Hernandez
2. Address: 735 E. Carnegie Drive. San Bernardino CA 92408
3. Phone / Cell Number: 909-289-8533
4. Email Address: debbie.hernandez@stantec.com

(RECORD(S) INFORMATION – BE AS SPECIFIC AS POSSIBLE)

5. Address of Record(s) Requested: 2540 Rosemead Boulevard South El Monte, CA 91733
6. Description of Record(s) Requested (Include document titles and approximate dates, if possible):
   I am conducting an environmental assessment and would like to request any available records (i.e. inspection records, notices of violation, hazardous materials permits/business plans, groundwater monitoring reports, underground storage tank permits, etc)

   (use reverse side for additional description)

7. How would you like to receive documents, if any? Digital (email)

Date received request: (date stamp)

Copies (#): ____________________

Charge: $______________________ (where applicable)

Pursuant to Govt. Code Sect. 6257, the City may require a deposit to cover the estimated charge if copies are requested. The deposit will be refunded if requested records do not exist, are exempt, or are otherwise unavailable. Charge per copy is $1.00 first page, $.10 cents each additional page

Date completed: ________________

Completed by (staff): ______________________________

E-1939

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From:	Choi, Younga@Waterboards on behalf of WB-RB4-PublicRecords
To:	Hernandez, Debbie
Cc:	Choi, Younga@Waterboards
Subject:	RE: Public Records Request Tracking No 2021072817
Date:	Thursday, August 5, 2021 3:29:56 PM

Los Angeles Regional Board has reviewed its files and has concluded that it does not have any records that are responsive to your request.

Younga Choi
Associate Governmental Program Analyst, Custodian of Records
Phone: (213)576-6631/Email: younga.choi@waterboards.ca.gov
Due to the COVID-19 emergency, I am teleworking. The quickest way to reach me is by email.

Public Records and Freedom of Information Act
Rb4-Publicrecords@waterboards.ca.gov

From: Hernandez, Debbie <Debbie.Hernandez@stantec.com>
Sent: Wednesday, July 28, 2021 10:11 AM
To: WB-RB4-PublicRecords <RB4-PublicRecords.RB4-PublicRecords@waterboards.ca.gov>
Subject: Public Records Request

EXTERNAL:

I am conducting an environmental assessment and would like to request any available records (i.e. inspection records, notices of violation, hazardous materials permits/business plans, groundwater monitoring reports, underground storage tank permits, etc) for the following address:

South El Monte Swap-Meet
2540 Rosemead Boulevard
El Monte, California 91733

Debbie Hernandez
Staff Geologist

Direct: 909 255-8229
Mobile: 909 289-8533
Debbie.Hernandez@stantec.com

Stantec
735 East Carnegie Drive Suite 280
San Bernardino CA 92408-3588
PN: 185804859

Appendix G Preliminary Hydrology and LID Report

Appendix

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Preliminary Hydrology & LID Report

Starlite
VTTM 083399
2540 Rosemead Blvd.
South El Monte

w.o. 20109

Prepared for:

KB Home
25152 Springfield Ct, Suite 250
Valencia, CA 91355
(661) 219-6852

Prepared by:

FORMA ENGINEERING INC.
CIVIL ENGINEERING SERVICES

Telephone: (818) 832-1710

Prepared under the supervision of

Aret Binatli — 3/1/2021 (Date)
R.C.E. 64448 (Exp. 30 Jun 21)

REGISTERED PROFESSIONAL ENGINEER
ARET BINATLI
No. 64448
Exp. 6/30/21
CIVIL
STATE OF CALIFORNIA

March 1, 2021

Table of Contents

1. INTRODUCTION

The proposed development, VTTM 083399, is located at 2540 Rosemead Boulevard, South El Monte, CA, 91733. The 13.45 Ac site is bound by Rosemead Blvd. to the west, commercial and residential buildings to the north, Chico Ave. to the east, and commercial buildings to the south. Proposed construction includes approximately 207 detached and attached condominiums, and single commercial parcel. The general area is shown in Figure 1. Greater detail is available in Figures 2 and 3, in the back of this report.

The purpose of this report is to outline the preliminary hydrology and low impact development methods that will be used during final engineering and are not intended to represent a complete and final design.

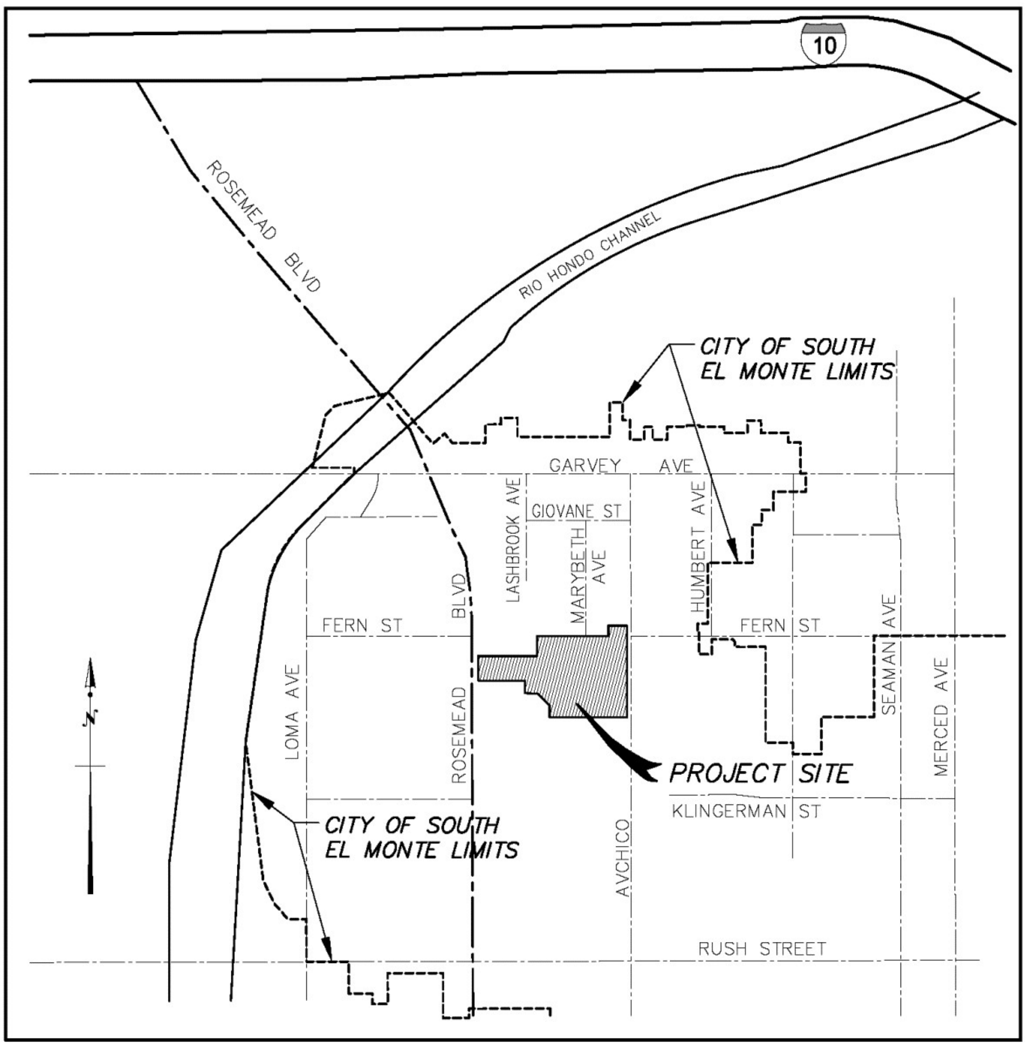


Figure 1. Vicinity map.

2. HYDROLOGY

2.1 Methodology

The hydrology analysis for this project is based on the Los Angeles County Department of Public Works Modified Rational Method and is in accordance with the 2006 Hydrology Manual. Runoff calculations are performed using the LADPW HydroCalc Program.

As determined from the Los Angeles County Hydrology Manual, the 50-year, 24-hour rainfall depth for the site is 6.1-inch; the project is located within soil type 003. A copy of the 50-year, 24-hr rain event Isohyet Map is located in Appendix G of this report.

AutoCAD Civil 3D software was utilized to establish subarea boundaries and uniform imperviousness.

2.2 Predeveloped Site Drainage Condition

The existing site consists almost entirely of paved surfaces and several existing storm drain inlets that discharge to County owned systems; a portion along the easterly property line surface drains to Chico Avenue. The existing drainage conditions are represented on Figure 2 in Appendix G of this report. Existing survey of the area shows current drainage conditions; however, design of the proposed development is based on the County's drainage map and allowable discharge into County systems. Existing drainage areas from the survey shown on Figure 2 are for reference only.

The response to an information request for allowable Q in July 2020 to the Los Angeles County Department of Public Works for discharge into the County drains provided a drainage map that roughly defines the pre-developed onsite drainage condition and is the basis of analysis. A copy of the allowable Q request response letter and reference material provided by the County, including county drainage maps, is located in Appendix C of this report.

The County drainage map shows approximately 87% of the 13.45 Ac. site , known as subarea A, drains from east to west to a sump catch basin located near the middle of the site. The remaining 13% of the site drains east to west towards Rosemead Blvd. known as subarea B.

Subarea A defines the easterly portion of the site draining toward the onsite sump catch basin; on paved surfaces and discharges to Los Angeles County Flood Control District, Project No. 7750, Line A. The 10-yr hydrology map exhibit provided as part of the County's responses, places subarea A, within "Subarea No. 2", with an allowable discharge Q to Line A of 1.90 cfs/Ac.

Subarea B defining the remaining westerly portion of the site drains toward Rosemead Blvd.; on paved surfaces and discharges to two existing CMP inlets connecting to the Los Angeles County Municipal Transfer Drain (MTD) 138. The allowable discharge Q to MTD138 is 1.00 cfs/Ac.

Existing walls and barriers along the property line prevents water runon.

2.3 Developed Site Drainage Condition

In the developed condition, the drainage pattern remains genearally the same as the predeveloped condition. Subarea A in the developed condition is defined by Lot 1 and consists of residential condominiums. Subarea B in the developed condition is defined by Lot 2 and consists of a single commercial parcel to be rough graded.

Storm water from the Subarea A is collected by a private underground storm drain system and discharges to Line A onsite via a new junction structure. Storm water from the Subarea B surface flows via graded swale at 1% to the existing CMP inlet that discharges to MTD 138 in Rosemead Blvd. Table 2 defines the developed Q discharging to the county storm drains Project No. 7750, Line A and MTD 138.

2.4 Results

Tables 1A, 1B, and 1C summarizes how the developed condition runoff flowrates are less than the allowable flowrates for the 50-year storm event. The Stormwater Quality Design Flowrate, Q_{PM}, is used for LID design. HydroCalc Reports are located in Appendix B of this report.

Subarea	Area (Ac)	$Q_{ALLOWABLE}$ ($ft^3/s/Ac$)	$Q_{ALLOWABLE}$ (ft^3/s)	Outfall Location
A	11.60	1.90	22.04	Project No. 7750, Line A
B	1.85	1.00	1.85	MTD 138

Table 1A. Allowable Runoff Flowrate Results.

Subarea	Area (Ac)	Q_{PM} (ft^3/s)	Q_{50} (ft^3/s)	Outfall Location
A	12.26	1.56	21.86	Project No. 7750, Line A
B	1.19	N/A	1.41	MTD 138

Table 1B. Developed Runoff Flowrate Results.

Subarea	Q_{50} (ft^3/s)	Outfall Location
A	-0.18	Project No. 7750, Line A
B	-0.44	MTD 138

Table 1C. Allowable & Development Discharge Flowrate Differences

Table 2A summarize the developed condition runoff volumes for the 50-year storm event and the Stormwter Quality Design Volume, $SWQD_V$, is used to determine detention volume requirements for LID design. HydroCalc Reports are located in Appendix B of this report.

Subarea	Area (Ac)	$SWQD_V$ (ft^3)	V_{50} (ft^3)	Outfall Location
A	12.26	27,807	189,906	Project No. 7750, Line A
B	1.19	N/A	3,427	MTD 138

Table 2A. Developed Runoff Volume Results.

2.5 Flood Hazards

According to the Federal Emergency Management Administration (FEMA) flood zone maps, the project site is located within Zone X, an area of minimum flood risk, or 0.2% chance annually. A copy of the FEMA Firm map is located in Appendix G. An existing flood control storm drain is present onsite that has the potential cause localized flooding onsite. To protect building pads from potential flooding, building pads are located 1ft minimum above the Rosemead Blvd street right of way.

3. LOW IMPACT DEVELOPMENT

3.1 Introduction

The proposed project will treat the runoff from the site in accordance with the Los Angeles County Low Impact Development Manual, 2014. To do so, the runoff resulting from the greater of the first 0.75-inch of rainfall or the 85th percentile rain event is treated prior to leaving the site. As determined from the Los Angeles County Hydrology GIS Maps, the 85-percentile rain event for the project site site is 0.90 inches, which is used as the design storm for Low Impact Development because it is greater than 0.75 inches. Hydrology methodology, water quality design flowrates and volumes are presented in Section 2 of this report.

3.2 Project Category

The proposed development consists of 207 attached condominia, is 13.45 Acres of disturbed area, and adds more than 10,000 square feet of impervious surface area; as such, the project must follow the requirements for Designated Projects.

Category	YES	NO
1. Development [a] of a new project equal to 1 acre or greater of disturbed area and adding more than 10,000 square feet of impervious area [b]	☒	☐
2. Development [a] of a new industrial park with 10,000 square feet or more of surface area [c]	☐	☒
3. Development [a] of a new commercial mall with 10,000 square feet or more surface area [c]	☐	☒
4. Development [a] of a new retail gasoline outlet with 5,000 square feet or more of surface area [c]	☐	☒
5. Development [a] of a new restaurant (SIC 5812) with 5,000 square feet or more of surface area [c]	☐	☒
6. Development [a] of a new parking lot with either 5,000 ft^2 or more of impervious area [b] or with 25 or more parking spaces	☐	☒
7. Development [a] of a new automotive service facility (SIC 5013, 5014, 5511, 5541, 7532-7534 and 7536-7539) with 5,000 square feet or more of surface area [c]	☐	☒
8. Projects located in or directly adjacent to, or discharging directly to a Significant Ecological Area (SEA),[d] where the development will: a. Discharge stormwater runoff that is likely to impact a sensitive biological species or habitat; and b. Create 2,500 square feet or more of impervious area [b]	☐	☒
9. Redevelopment [e] of 5,000 square feet or more in one of the categories listed above **If yes, list redevelopment category here:**	☐	☒
10. Redevelopment [e] of 10,000 square feet or more to a Single Family Home, without a change in landuse.	☐	☒

a Development includes any construction or demolition activity, clearing, grading, grubbing, or excavation or any other activity that results in land disturbance.

b Surfaces that do not allow stormwater runoff to percolate into the ground. Typical impervious surfaces include: concrete, asphalt, roofing materials, etc.

c The surface area is the total footprint of an area. Not to include the cumulative area above or below the ground surface.

d An area in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and would be disturbed or degraded by human activities and developments. Also, an area designated by the City as approved by the Regional Water Quality Control Board.

e Land-disturbing activities that result in the creation, addition, or replacement of a certain amount of impervious surface area on an already developed site. Redevelopment does not include routine maintenance activities that are conducted to maintain the original line and grade, hydraulic capacity, or original purpose of facility, nor does it include modifications to existing single family structures, or emergency construction activities required to immediately protect public health and safety.

3.3 Hydrology and Drainage Pattern

As described in section 2 of this report, the proposed site is divided into two subareas as illustrated in Figure 3, Developed Condition Hydrology Map, located in Appendix G. Subarea B is to be left rough graded but undeveloped for future commercial space. Therefore, LID is ignored for Subarea B until it is developed. Subarea A is to be developed into residential condominiums, with a central LID BMP. Overflow from the proposed BMP will be directed to County storm drain Project No. 7750, Line A. Water quality design volume (SWQDv) and flow rates (Qpm) resulting from the 85th percentile rain event, as decribed in Section 2, used for sizing of LID BMPs are summarized in Table 3.

Subarea	Area (Ac)	$SWQD_V$ (ft^3)	Q_{PM} (ft^3/s)	Outfall Location
A	12.26	27,807	1.56	Project No. 7750, Line A
B	1.19	N/A	N/A	MTD 138

Table 3. Low Impact Development, Stormwater Quality Design Volume and Flowrates

3.4 Hydromodification

The proposed project is considered exempt from the requirements of the hydromodification for the following reasons:

1) The proposed project site was previously developed in an urbanized area and does not increase the effective impervious area of the site as compared to the pre-project conditions. On the contrary, effective imperviousness of the site will be decreased from 90% to 75% once the site is developed.
2) The project discharges into a LA County Flood Control storm drain and satisfies the allowable discharge flowrates provided by the County.

3.4 Infiltration BMP

3.4.1 Feasibility Screening

Infiltration is the first option in Los Angeles County when screening potentially feasible LID BMPs. Infiltration systems collect storm water runoff and conducts it into permeable soils beneath the site; effectively reducing pollution, reducing runoff and flooding, and recharging ground water. Initial investigations by the soils engineer did not include infiltration testing and recommendations. Calculations of liquefaction potential provided by the soils engineer indicate that there are discrete layers of soils that are susceptible to liquefaction. Further investigation at specific location and design depth is necessary to rule out liquefaction as a potential hazard. However, other hazards such as expansive soils, high ground water, landslides, or polluted soils, were identified during initial explorations that would disallow infiltration onsite.

Due to the lack of testing, an underground infiltration trench has been designed using an estimated infiltration rate of 1.0 inch per hour (in/hr) estimated by the soils engineering based on soil material, which serve as a benchmark to adjust the size of the system. To be technically feasible per the County of Los Angeles Guidelines for Design, Investigation, and Reporting Low Impact Development Stormwater Infiltration, GS200.1. GS200.1, testing must confirm a

minimum corrected infiltration rate of 0.3 in/hr. If an infiltration rate of 0.3 in/hr is not achieved during testing, or other hazards are identified, then the next option for LID BMP screening process is harvest and reuse.

3.4.2 Preliminary Design

Design of the infiltration system is based upon LADPW LID Manual, 2014, RET-4, Dry Well. Setbacks are based upon GS200.1. The dry wells are designed to infiltration between 20'-30' deep as recommend by the soils engineer based on preliminary borings. The dry well system selected is MaxWell Plus, a drywell designed and install by Torrent Resources.

Water that must be retained onsite, SWQDv, is temporarily detained upstream of the drywells. The detention system choosed for the preliminary storage design is a proprietary chamber system, StormTech, by Advanced Drainage Systems, Inc. (ADS). StormTech utilizes HDPE chambers surrounded by open graded gravel and encapsulated in a waterproof membrane to prevent infiltration. The StormTech system incorporates an isolator row that serves as a settling basin for silt and debris and accessible for maintenance which will provide pretreatment for water prior to entering the drywell.

The locations of the proposed detention system and dry wells BMPs are shown on Figure 3, Developed Condition Hydrology Map, located in Appendix G. The detention system is located within open areas of the site, which allow the detention volume to be adjusted once infiltration testing has occurred and required detention volume is adjusted based on infiltration occuring during the rain event. Sizing of the RET-4 Dry Well system is as follows:

Step 1: Determine the SWQDv

From HydroCalc, the SWQDv is the runoff volume resulting from the 85th percentile, 24-hour rain event for Subareas A listed in Table 3 above.

Step 2: Determine the design infiltration rate

Infiltration rate has not been established, as percolation testing has not yet been performed. An approximate preliminary infiltration rate suggested by the soils engineer, RMA GeoScience, based on boring data is 1-2 in/hr between 20'-30' depth. 1.0 in/hr is used as the corrected infiltration rate for preliminary design purposes. Additional Geotechnical investigations must occur prior to final engineering

Step 3: Calculate the bioretention area and number of dry wells

Determine the size of the required infiltration surface by assuming the SWQDv will fill the available void spaces of the gravel storage layer. The maximum depth of stormwater runoff that can be infiltrated within the maximum retention time (96 hrs) is calculated using the following equation:

$$d_{max} = \frac{f_{design}}{12} \times t$$

where:
- d_{max} = Maximum depth of water that can be infiltrated within the maximum retention time (ft),
- f_{design} = Design infiltration rate (in/hr)
- t = Maximum retention time (max 96 hrs) (hr).

A design infiltration rate, 1.0 in/hr, is used for preliminary design. The maximum allowable drawdown time for underground infiltration is 96 hrs. Determine the maximum depth of water that can be infiltrated.

$$d_{max} = \frac{1.0}{12} \times 96$$

$$= 8.0 \text{ ft}$$

Select the dry well depth (dt) such that:

$$d_t \leq \frac{d_{max}}{n_t}$$

where:
- dt= Depth of infiltration trench (ft),
- dmax = Maximum depth of water that can be infiltrated within the maximum retention time (ft),
- n_t = Infiltration trench gravel void ratio.

For this project, all drywells are designed to be filled with gravel with a void ratio of 40% (0.40 Calculate the maximum allowable depth of gravel filled drywell.

$$d_t \leq \frac{8.0}{0.4}$$

$\leq$ 20 ft (soils engineer has identified a 10ft thick layer that may be suitable for infiltration. Each drywell is designed to be 10 ft high per MaxWell Plus drawings locted in Appendix E)

Calculate the infiltration surface area (total surface area of drywells) required:

$$A = \frac{SWQDv}{d_t \times n_t}$$

where:
- A = Surface area of the dry wells (ft^2),
- SWQDv = Stormwater quality design volume (ft^3),
- dt = Depth of dry well fill (ft),
- nt = Dry well fill porosity.

Subarea A SWQDv is 27,807 ft^3. The depth of gravel fill allowed is 20 ft. Calculate the infiltration surface area (total surface area of drywells) required:

$$A_{SUBAREA\ 1} = \frac{27{,}807}{20X0.4}$$

= 3476 ft^2 (640 ft^2 provided, See Appendix D for Drawings by ADS)

Calculate the number of drywells required:

$$N = \frac{A_{SUBAREA}}{A_{DRY\ WELL}}$$

where:
- $A_{SUBAREA}$ = Total surface area of all dry well required (ft^2),
- $A_{DRY\ WELL}$ = Surface area of Stormwater quality design volume (ft^2),
- N = Number of dry wells.

$A_{SUBAREA}$ is 3,476 ft^2. Each preliminary drywell is 10 ft deep min, and 6 ft in diameter, which results in $A_{DRY\ WELL}$ of 188 ft^2. The number of drywells required:

$$N = \frac{3{,}476}{188}$$

= 18.49 (say 19 drywells, provides 3,572 ft^2 of biofiltration area, and

Dry Well BMP Design Summary

StormTech details generated by ADS includes the detention volume, area, and layout of the system, see Appendix D according the criteria above. The BMP sizing is summarized in Table 5.

Subarea	BMP	BMP Area Required (ft^2)	BMP Area Provided (ft^2)	BMP Volume Required, V_{85th} (SWQDv) (ft^3)	BMP Volume Provided (ft^3)
A	MaxWell Plus Drywell (RET-4)	3,476	3,572	27,807	28,067

Table 4A. Low Impact Development Dry Well BMP Design Summary

3.5 Harvest and Reuse Feasibility Screening

Harvest and reuse systems collect and temporarily store storm water runoff for future use. The most common method of reuse is for landscape irrigation. County guidelines dictate that water must be used within 96 hours following the rain event. The wet-season irrigation demand in the 4 days following a rain event is approximately zero and insufficient to drawdown the captured rainwater. If the detention system is not emptied prior to the next rain event, than runoff from the subsequent storms will bypass the system and not be treated. For this reason, harvest and reuse systems alone are not feasible in the County of Los Angeles. Therefore, harvest and reuse is considered infeasible as a stand-alone LID BMP for the proposed project. The next option in the LID Feasibility screening process is biofiltration.

3.6 Biofiltration BMP

3.6.1 Feasibility Screening

If infiltration is determined to be infeasible during final engineering, and harvest and reuse cannot treat the stormwater in sufficient amount of time, a biofiltration system is proposed.

Reuse of stormwater within 96 hrs after a rain event is infeasible per section 3.5. The detention system used for infiltration will be used to detain the Biofiltration Volume, Vb in excess of the volume not treated during the rain even. A small pump will operate as the detention system begins filling to empty the system slowly over 96 hours in preparation for the next rain event into a biofiltration planter. The biofiltration planter will remove pollutants from the runoff, and clean water will be discharged to Los Angeles Couty Storm Drain Project No. 7750, Line A. In this way, the system satisfies the requirement to treat 1.5xSWQDv from the 85th percentile rain event.

3.6.2 Preliminary Design

To satisfy the requirements of the County of Los Angeles Department of Public Works *Low Impact Development Standards Manual*, a biofiltration BMP must be designed to treat 1.5 times the volume of the SWQDv listed in Table 3, that is not reliably retained on-site, or Vb. This is achieved by filtering the water at a fixed rate, and detaining any runoff exceeding the fixed treatment rate in the onsite storm drain system until the water is drawn down.

The required treatment volume is calculated by multiplying the hydrograph flowrates generated by the County's HydroCalc software by 1.5. The resulting hydrograph represents the biofiltration volume, V_B, curve shown in Figure 4.

The Modular Wetland unit selected provides a suitable level of treatment while minimizing the product footprint and maintenance requirements. A single unit is selected for the proposed drainage area. The treatment capacity (treatment rate) of the Modular Wetland Unit, model MWS-L-8-12, is 0.346 cfs. Refer to Appendix E for manufacturer details and listed treatment capacity. The treatment capacity is then used to size a sump pump that will empty the detentions system at a rate less than the modular wetland treatment capacity, 0.20 cfs. Flow volume that arrives at pump at or below a flow rate less than 0.20 cfs is treated immediately, drains to the County Storm Drain and does not require detention. The volume not requiring detention is represented in green, Vb-t, in Figure 4. Flow volume that arrives at the pump at a flow rate greater than 0.20 cfs, Vb-d, remains in the detention system until it is pumped to the Modular Wetland. Excess water is diverted directly to the County Storm Drain, Project No 2775, Line A.

The following step by step calculations describe the BMP and detention system sizing required to satisfy the County of Los Angeles LID guidelines. Table 4B provides a summary of these calculations.

Subarea	BMP	BMP Max Treatment Rate (cfs)	Peak LID Flow Rate Delivered to BMP by pump (cfs)	V_{85th} (SWQDv) (ft^3)	BMP Volume Required, Vb (1.5xSWQDv) (ft^3)	BMP Volume Provided (ft^3)
A	BioClean, Modular Wetland (MWS-L-8-12) (Biofiltration)	0.346	0.20	27,807	41,711	

Table 4B. Low Impact Development Biofiltration BMP Design Summary

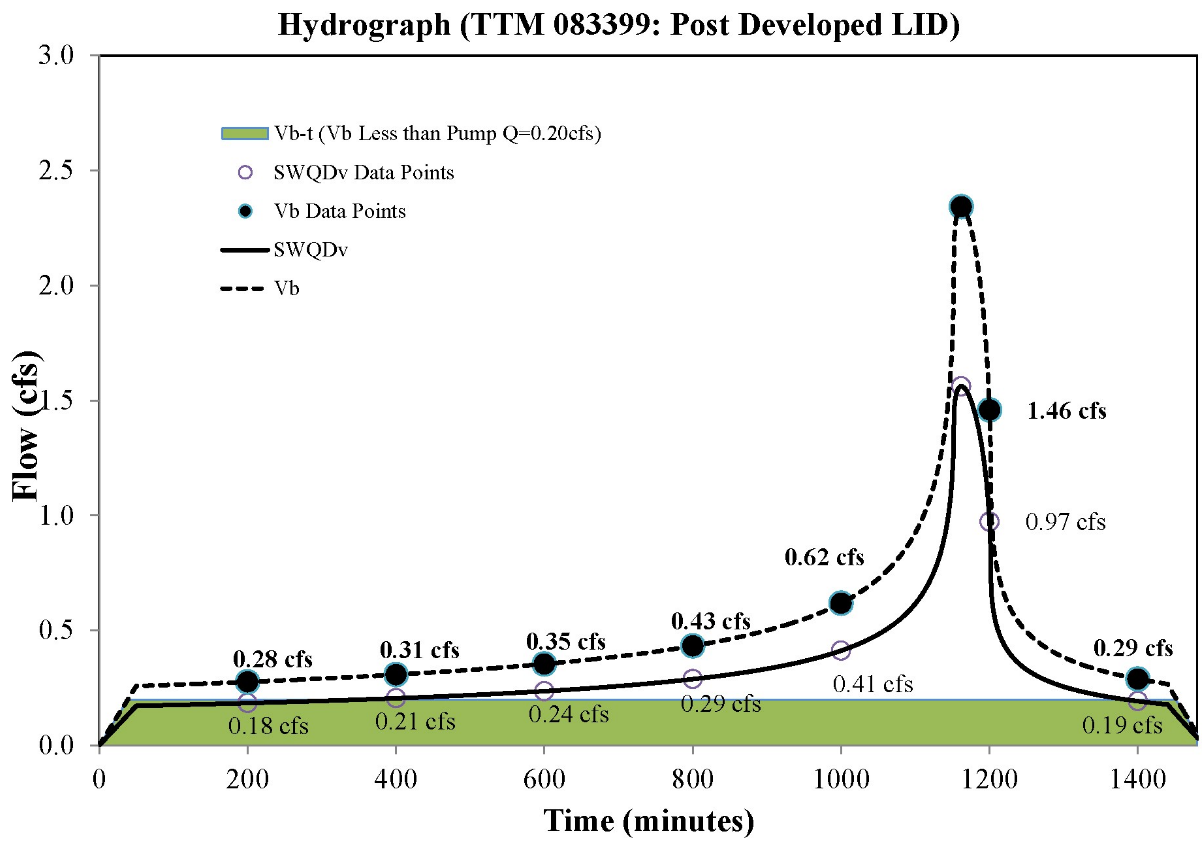


Figure 4. Post Developed LID Hydrograph

Step 1: Calculate the design volume

Biofiltration areas should be sized to capture and treat 1.5 times the portion of the SWQDv that is not reliably retained on the project site. From HydroCalc, the SWQDv is the runoff volume resulting from the 85th percentile; 24-hour rain event is listed in Table 3. Calculate the biofiltration volume, V_B.

$V_B = 1.5 \times (SWQDv - V_R)$

where:
- V_B = Biofiltration Volume, (ft^3),
- $SWQD_V$ = Storm water quality design volume, SWQDv, from HydroCalc. (ft^3),
- V_R = Volume of storm water runoff reliably retained onsite, (ft^3)

$V_B = 1.5 \times (27{,}807 \text{ ft}^3 - 0)$

$V_B = 41{,}711 \text{ ft}^3$

Step 2: Calculate the detention volume required

To determine the portion of V_B, that is being treated during the rain event as compared to volume that has to be detained, the SWQDv HydroCalc results are exported to Excel and a hydrograph plotted for 1.5 times the 85th percentile rain event flowrate. The resulting hydrograph represents the biofiltration volume, V_B, shown in Figure 4.

The portion of V_B arriving at the pump at a flow rate below pump discharge rate of 0.20 cfs is treated immediately and does not require detention; this volume is represented by the green shaded area in Figure 4, referred to herein as V_{B-T}. The remaining volume above the pump discharge rate is detained onsite in the StormTech detention system, referred to herein as V_{B-D}. The shaded area, V_{B-T}, is measured using formulas in Excel. The minimum volume required to be detained is as follows:

$$V_{B-D} = V_B - V_{B-T}$$

where:
V_{B-D} = Minimum Biofiltration Volume to be detained, (ft^3),
V_B = Biofiltration Volume from Step 1, (ft^3),
V_{B-T} = Biofiltration Volume Treated during event, shaded area from Fig 3 measured in Excel, (ft^3).

$$V_{B-D} = 41{,}711\text{ft}^3 - 17{,}416\text{ft}^3$$

$$\text{V}_{\text{B-D}} = 24{,}295\text{ ft}^3$$

Because HydroCalc outputs over 7,000 data points to generate the hydrograph, it is difficult to summarize the result; therefore, to verify the Excel results above for V_{B-T}, V_{B-T} is approximated using simplified trapezoidal areas shown in Figure 5.

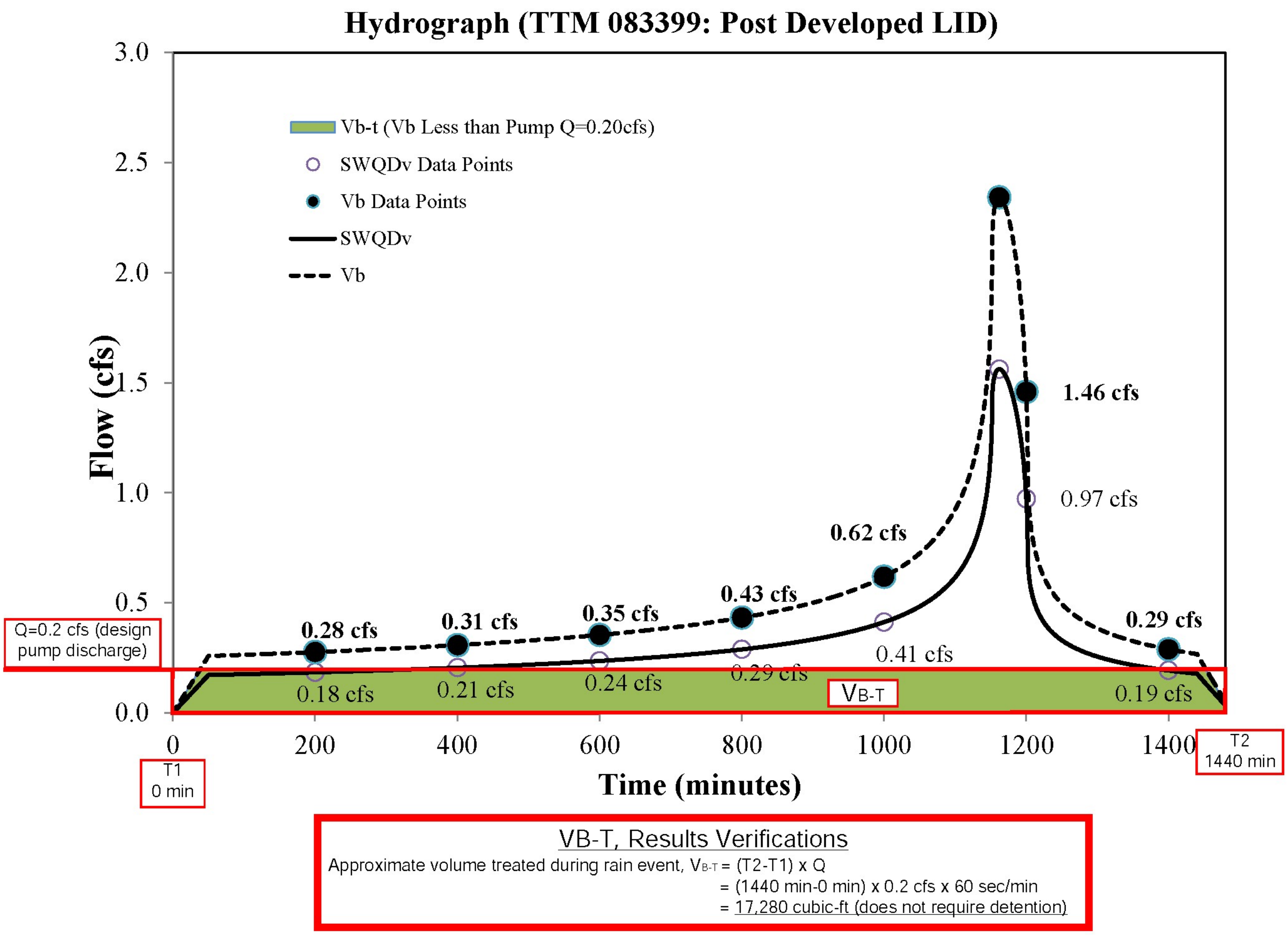


Figure 5. V_{B-T} Results Verification

The approximated total V_{B-T} in Figure 5 is similar to the results measured in Excel; therefore the Excel result provided in Step 2 is used for design.

Step 3: Calculate the detention volume provided

The minimum biofiltration volume to be detained onsite, V_{B-D} calculated in step 2, shall be stored in the StormTech system onsite. A weir within the StormTech system diverts water in excess of the design detention volume. The detention volume provided by the ADS stormtech system for infiltration analysis summarized in Section 3.4.2. is greater than the minimum detention volume required, V_{B-D}. Therefore, the system is capable of treating 1.5×SWQDv or the Biofiltration Volume.

4.0 CONCLUSION

TR 083399 will develop an existing paved drive-in theater into a residential lot and commercial lot. Lot 1, Subarea A, is being developed for residential purposes and includes preliminary measures to satisfy County of Los Angeles LID requirements and allowable discharge into a Los Angeles County Storm Drain, Lot 2, Subarea B, is being graded for future commercial use. Lot 2 satisfies County of Los Angeles allowable discharge requirements, but LID requirements are being deferred until the commercial lot is built out.

Infiltration has been identified as the most likely method for satisfying Los Angeles County Low Impact Development requirements. Preliminary geotechnical investigtions cannot confirm whether or not infiltration is suitable onsite. If infiltration is permitted afer further investigation, the detained volume generated by the 85th percentile rain event will be directed to onsite drywells at suitable depths. If infiltration system is not feasible, the required detention volume will be filtered by high flow biofiltration device over 96 hrs and released to Los Angeles County storm drain system onsite. Storm water in excess of the required treatment volume will be conveyed directly to Los Angeles County storm drain system.

Appendix A

Raw Hydrology Data

Subarea	Area (Ac)	Soil Type	% Imp	Isohyet	Length (ft)	Slope	Area (sq ft)	D z
A	11.60	003	90	6.10		#DIV/0!	505398.30	0.00
B	1.85	003	90	6.10		#DIV/0!	80561.31	0.00
					Sum sub-areas (ft2)		585959.61	13.45
					Total study area (ft2)		585959.69	13.45

Table A1. Raw hydrology data used for the pre-developed condition in HydroCalc.

Subarea	Area (Ac)	Soil Type	% Imp	Isohyet	Length (ft)	Slope	Area (sq ft)	D z
A	12.26	003	**75**	6.10	1146.0	0.0111	534057.17	12.70
B	1.19	003	**1**	6.10	403.0	0.0129	51902.50	5.20
					Sum sub-areas (ft2)		585959.67	13.45
					Total study area (ft2)		585959.69	13.45

Table A2. Raw hydrology data used for the post-developed condition in HydroCalc.

Appendix B

HydroCalc Reports

Peak Flow Hydrologic Analysis

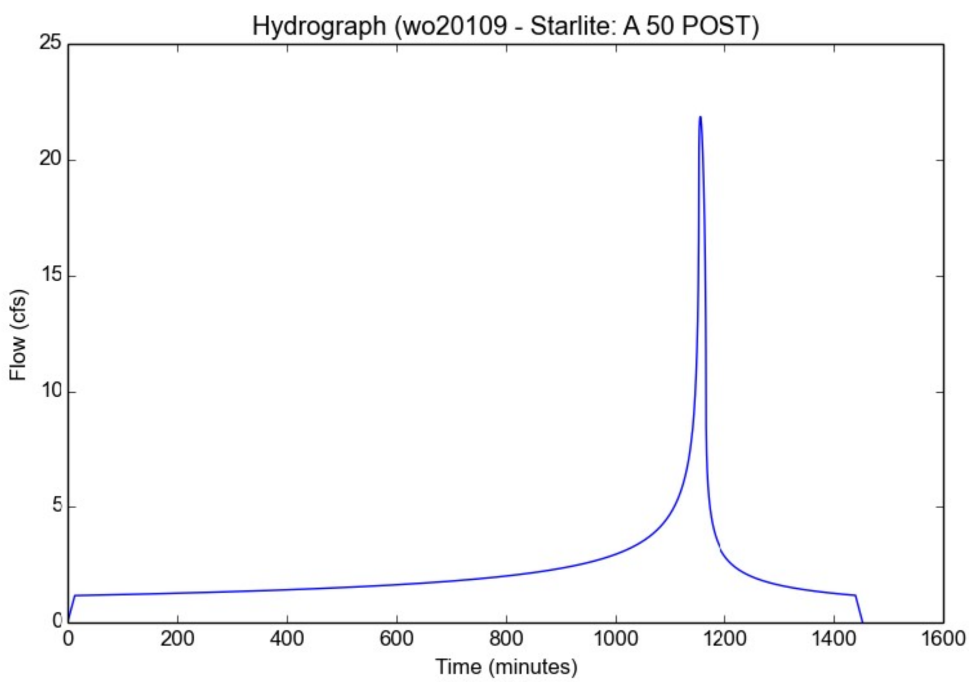
File location: L:/20109/Calc/HydroCalc/wo20109 - Starlite Report_2021-02-25.pdf
Version: HydroCalc 1.0.2

Input Parameters

Parameter	Value
Project Name	wo20109 - Starlite
Subarea ID	A 50 POST
Area (ac)	12.26
Flow Path Length (ft)	1146.0
Flow Path Slope (vft/hft)	0.011
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.75
Soil Type	3
Design Storm Frequency	50-yr
Fire Factor	0
LID	False

Output Results

Result	Value
Modeled (50-yr) Rainfall Depth (in)	6.1
Peak Intensity (in/hr)	2.3227
Undeveloped Runoff Coefficient (Cu)	0.3707
Developed Runoff Coefficient (Cd)	0.7677
Time of Concentration (min)	13.0
Clear Peak Flow Rate (cfs)	21.8607
Burned Peak Flow Rate (cfs)	21.8607
24-Hr Clear Runoff Volume (ac-ft)	4.3596
24-Hr Clear Runoff Volume (cu-ft)	189906.289



Peak Flow Hydrologic Analysis

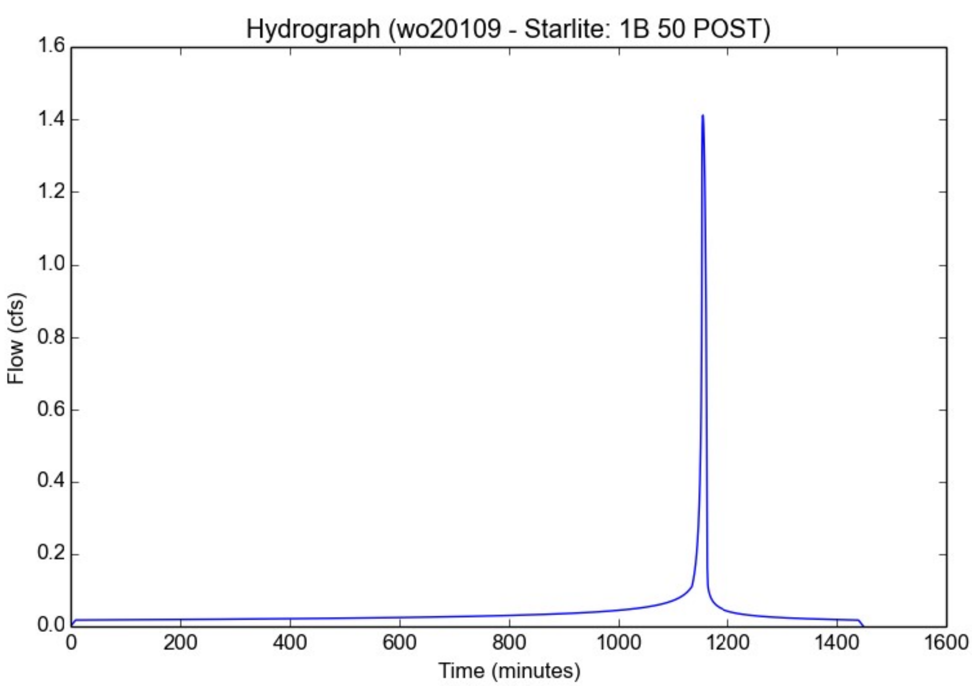
File location: L:/20109/Calc/HydroCalc/wo20109 - Starlite Report_2021-02-25.pdf
Version: HydroCalc 1.0.2

Input Parameters

Project Name	wo20109 - Starlite
Subarea ID	1B 50 POST
Area (ac)	1.19
Flow Path Length (ft)	403.0
Flow Path Slope (vft/hft)	0.013
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.01
Soil Type	3
Design Storm Frequency	50-yr
Fire Factor	0
LID	False

Output Results

Modeled (50-yr) Rainfall Depth (in)	6.1
Peak Intensity (in/hr)	2.7609
Undeveloped Runoff Coefficient (Cu)	0.425
Developed Runoff Coefficient (Cd)	0.4297
Time of Concentration (min)	9.0
Clear Peak Flow Rate (cfs)	1.4119
Burned Peak Flow Rate (cfs)	1.4119
24-Hr Clear Runoff Volume (ac-ft)	0.0787
24-Hr Clear Runoff Volume (cu-ft)	3426.9858



Peak Flow Hydrologic Analysis

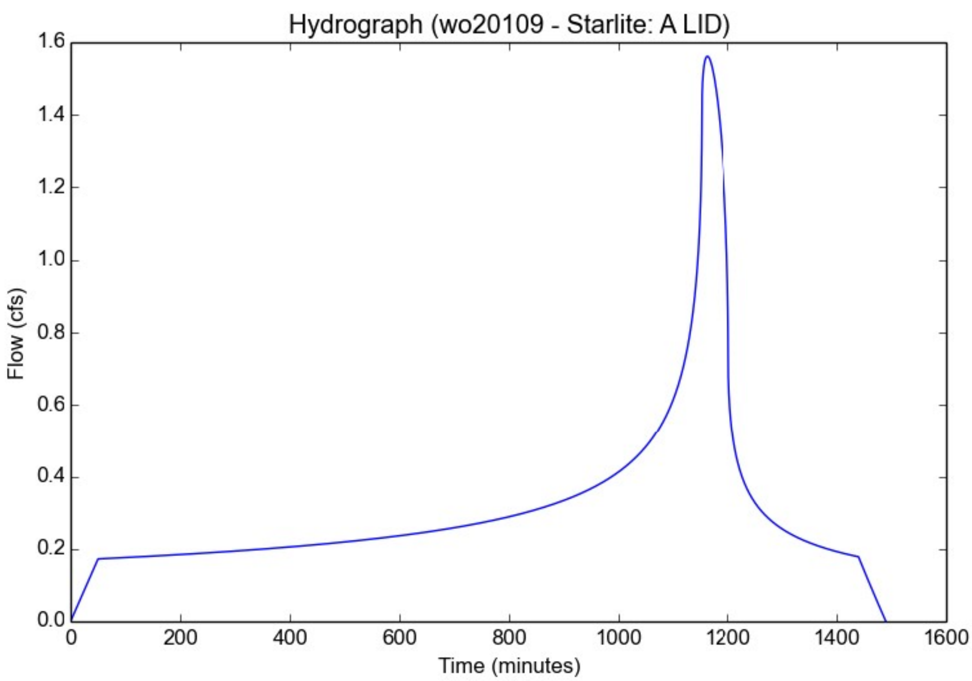
File location: L:/20109/Calc/HydroCalc/wo20109 - Starlite Report_2021-02-25.pdf
Version: HydroCalc 1.0.2

Input Parameters

Project Name	wo20109 - Starlite
Subarea ID	A LID
Area (ac)	12.26
Flow Path Length (ft)	1146.0
Flow Path Slope (vft/hft)	0.011
85th Percentile Rainfall Depth (in)	0.9
Percent Impervious	0.75
Soil Type	3
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	0.9
Peak Intensity (in/hr)	0.1819
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.7
Time of Concentration (min)	50.0
Clear Peak Flow Rate (cfs)	1.5615
Burned Peak Flow Rate (cfs)	1.5615
24-Hr Clear Runoff Volume (ac-ft)	0.6384
24-Hr Clear Runoff Volume (cu-ft)	27806.5785



Appendix C

Los Angeles County Department of Public Works Information Request Summary, Allowable Discharge Q

PUBLIC WORKS

Office Use Only
☒ Sent Initials: ______
☐ Fax ☒ Email ☐ Other: ______
Date: ______ Time: ______

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

DESIGN DIVISION – HYDRAULIC ANALYSIS UNIT

INFORMATION REQUEST SUMMARY

INFORMATION REQUESTED BY

*Requester's Name: Aret Binatli
Company: Forma Engineering
*Phone Number: (818) 6988666 Fax Number: (818) 832-1740
*Email: abinatli@formaeng.com

Method of Contact: ☐ Walk-in ☐ Phone ☐ Fax ☒ Email ☐ Prelim. Mtg. Date: 7-15-2020

Intended Use: Design purposes

Proposed Project Type: Residential Condominium Site Acreage Involved: 13.45

*Will information be used in any litigation? ☐ YES ☒ NO
Case Info. Name: ______ No: ______ Location: ______

INFORMATION REQUESTED (Attach Assessor Map)
LACFCD Facility: Name: Project No 7750
Unit: ______ Line: A Station: 4+52
City: South El Monte
*Street/Cross-street: between Rosemead Blvd and Chico Ave
*Thomas Guide: Page: 636 Grid: J2 ☒ Site Map/Plans Submitted
Info. Requested: Site was historically a drive-in theatre (also noted on the 7750 SD plan sheet 3), currently is being used as South el Monte swap meet. it is completely paved. Catchbasin located at station 4+52 is in a sump. We are preparing preliminary site plans and our intend is to increase pervious area and maintain drainage pattern as is. We may need to add additional catch basins onsite but those can be privately maintained. Please provide the allowable Q for the entire site
Thank you

***Required Information. See Page 2 of 2 for Instructions.**

BELOW SECTION TO BE COMPLETED BY THE HYDRAULIC ANALYSIS UNIT

INFORMATION PROVIDED:
Project No. 7750 Line "A" Hydrology Data, Drainage Map, As Built Drawing. MTD 138 Discharge Flow.

REFERENCES SEARCHED:
Project No. 7750 File, Drawing No. 470-7750-D.2-3, MTD 138 Files and Drawing No. 364-1115 F 8.1

COMMENTS, ETC:
A- Project No. 7750 Line "A"
1- Subarea No. 1 Allowable Q=1.46cfs/acre.
2- Subarea No. 2 Allowable Q=1.90cfs/acre.
3- Hydraulic Grade Line Shown on As Built Drawing No. 470-7750-D2-3

B- MTD 138
Allowable Discharge Flow into MTD 138 Limited to Q=1.0cfs/acre.

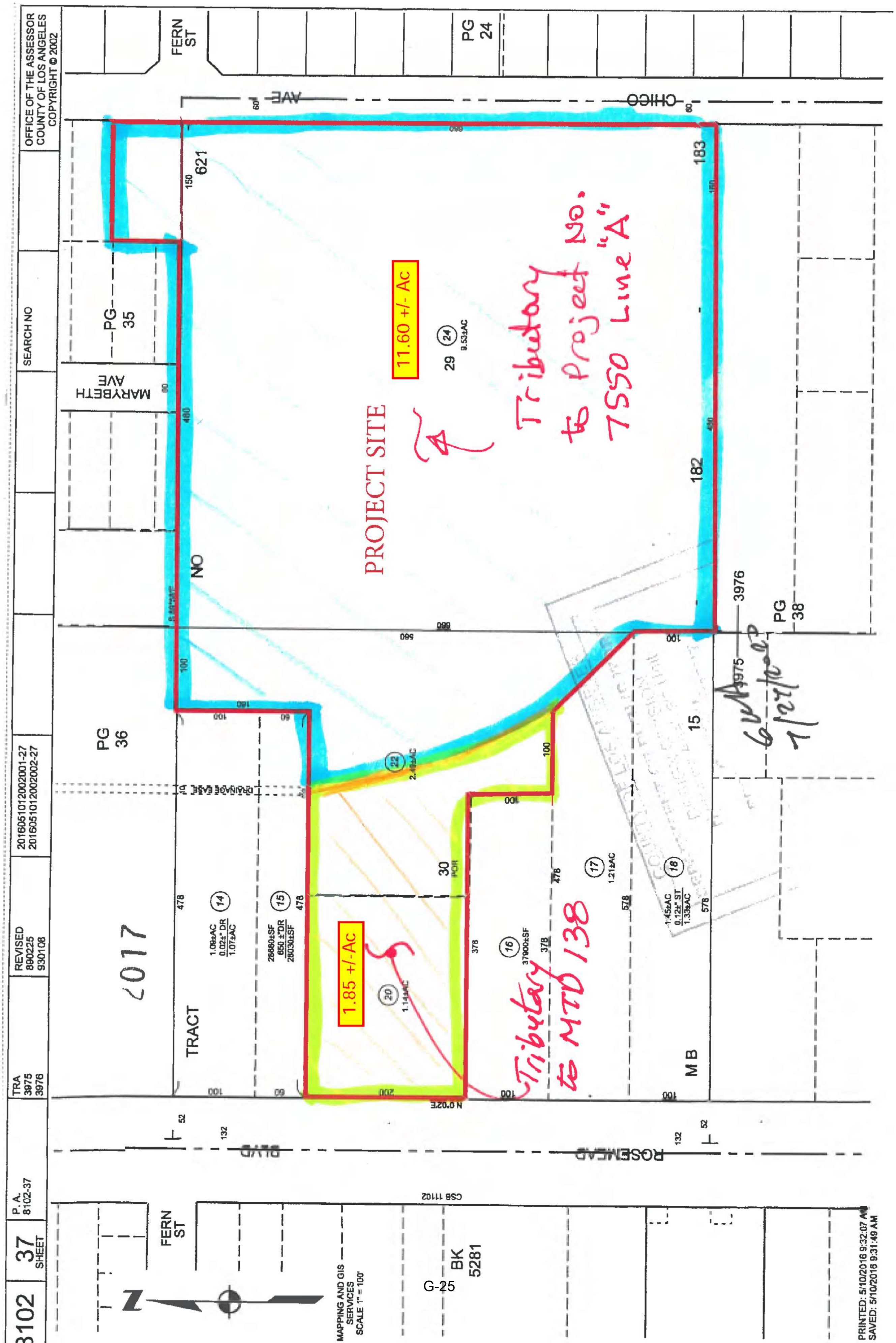
TR083399 LOT 1

TR083399 LOT 2

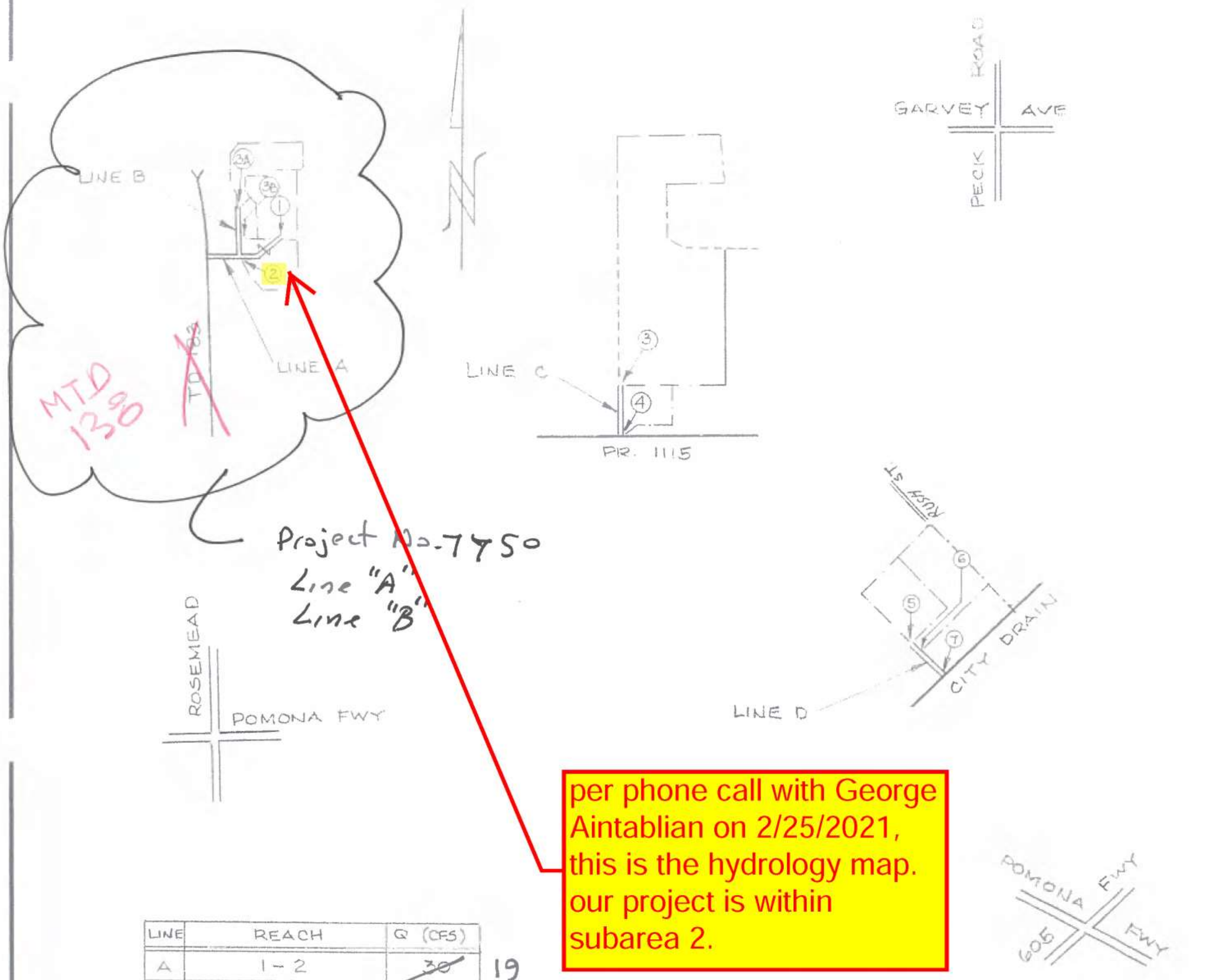
GKA 7/24/2020

INFORMATION PROVIDED BY: George K Aintablian Date: 07/24/2020
INFORMATION REVIEWED BY: Date:

Print Save a Copy


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COUNTY OF LOS ANGELES
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SEARCH NO
REVISED
890225
930108
20160501200201-27
20160501200202-27
TRA
3975
3976
P. A.
8102-37
8102
37
SHEET
MAPPING AND GIS SERVICES
SCALE 1" = 100'
FERN ST
CHICO AVE
MARYBETH AVE
ROSEMEAD BLVD
PG 24
PG 35
PG 36
PG 38
PROJECT SITE
11.60 +/- Ac
1.85 +/- Ac
Tributary to Project No. 7550 Line "A"
Tributary to MTD 138
TRACT
NO
2017
M B
15
BK 5281
CSB 11102
DRAINAGE ESMT
621
183
182
3976
3975
9.53±AC
2.48±AC
1.14±AC
1.21±AC
37900±SF
PRINTED: 5/10/2016 9:32:07 AM
SAVED: 5/10/2016 9:31:49 AM

G-25



LINE	REACH	Q (CFS)
A	1 – 2	~~30~~ 19
	2 – JCT	~~55~~ 35
	JCT. LAT – JCT	~~80~~ 50
	JCT – TD 183	~~80~~ 50
B	3A – 3B	18
	3B – JCT	25
	JCT – LINE A	25
C	3 – 4	95
	4 – PROJ. 1115	110
D	5 – 6	20
	6 – 7	40
	7 – CITY DRAIN	50

1000 0 1000 2000 3000

LEGEND

- WATERSHED BOUNDARY
- PROJECT DRAIN
- EXISTING DRAIN
- SUBAREA AND COLLECTION POINT
- PROBABLE FUTURE DRAIN

PREPARED SIH & RKR	LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
DATE 2-18-72	1970 BOND ISSUE PROJECT #7750
SCALE 1" = 2000'	10-YR. FREQUENCY Q's

Los Angeles County Flood Control District
Hydraulic Division

Hydrologic Data

Project 7750 Sheet 1 of 1

Channel Types
4. Pipe
5. Rectangular
6. Trapezoidal

~~10~~ Year Frequency Rainfall Date February 23, 1972

Reach or Subarea	Preliminary Channel Length (feet)	Type	Size (feet)	Slope	Area (acres) Subarea	Total	Q (cfs) Subarea	Reach
Line A								
1					13		30	
1-2	600	5	4.00	.0040		13		~~30~~ 19
2					10		30	
2-Jct. Lat.	0	5	4.00	.0040		23		~~55~~ 35
Jct.Lat.-Jct	400	5	6.00	.0025		36		~~80~~ 50
Jct.-TD #183	0	5	6.00	.0025		36		~~80~~ 50
Line B								
3A					10		18	
3A-3B	650					10		18
3B					3		6	
3B-Jct.	200	5	4.00	.0030		13		25
Jct.-Line A	0	5	4.00	.0030		13		25
Line C								
3						87		
3-4	650	5	5.00	.0045		87		95
4					10		15	
4-Proj.1115	0	5	5.00	.0045		97		110
Line D								
5					14		18	
5-6	180	4	2.00	.0056		14		20
6					17		20	
6-7	470	4	3.25	.0022		31		40
7					12		15	
7-City Dr.	0	4	3.75	.0022		43		50

GENERAL NOTES

1. NUMBERS IN CIRCLES INDICATE ITEMS UNDER WHICH PAYMENT WILL BE MADE.
2. ELEVATIONS SHOWN ARE IN FEET ABOVE THE U.S.G.S. MEAN SEA LEVEL DATUM.
3. STATIONS SHOWN ON DRAWINGS ARE ALONG CENTER LINE OF CONDUIT OR ON A LINE NORMAL TO CENTER LINE OF CONDUIT.
4. STATIONS AND INVERT ELEVATIONS OF PIPE INLETS SHOWN ON THE PROFILES ARE AT THE INSIDE FACE OF THE CONDUIT, UNLESS OTHERWISE SHOWN.
5. ALL FIELD BOOK REFERENCES ARE TO CITY OF SOUTH EL MONTE FIELD BOOKS, UNLESS OTHERWISE NOTED.
6. ALL PIPE IN OPEN TRENCH SHALL BE BEDDED ACCORDING TO STANDARD DRAWING 2-D 177, CASE III, EXCEPT BELL AND SPIGOT PIPE WHICH SHALL BE CASE II BEDDING, UNLESS OTHERWISE SHOWN OR MODIFIED IN THE SPECIFICATIONS.
7. PIPE CONNECTIONS TO STORM DRAIN SHALL CONFORM TO STANDARD DRAWINGS 2-D 191 OR 2-D 193, UNLESS OTHERWISE SHOWN.
8. CONCRETE BACKFILL SHALL BE PROVIDED AROUND PIPE 21 INCHES IN DIAMETER OR LESS WHERE THE COVER IS EQUAL TO OR LESS THAN 2'-0", AROUND PIPE GREATER THAN 21 INCHES IN DIAMETER BUT LESS THAN 39 INCHES WHERE THE COVER IS LESS THAN 1'-3", AND FOR PIPE 39 INCHES OR GREATER WHERE THE COVER IS LESS THAN 1'-0". THE CONCRETE BACKFILL SHALL BE AS SPECIFIED ON STANDARD DRAWING NO. 2-D 177, NOTE 3.
9. TIES FOR CATCH BASINS AS SHOWN ON THE DRAWINGS ARE FROM CURB RETURN TO CENTER LINE OF CATCH BASIN, UNLESS OTHERWISE SHOWN.
10. FOR CATCH BASINS WITHOUT LOCAL DEPRESSIONS, CURB FACE SHALL BE THAT OF THE ADJACENT CURB UNLESS OTHERWISE NOTED ON PROJECT DRAWINGS.
11. CURB FACE (C.F.) SHOWN ON THE GENERAL PLAN PERTAINS TO THE CURB FACE AT THE CATCH BASIN OPENING UNLESS OTHERWISE NOTED. FOR LOCAL DEPRESSION NO. 2, THE CURB FACE SHALL BE THE EXISTING PLUS FOUR INCHES UNLESS OTHERWISE SPECIFIED. FOR LOCAL DEPRESSION NO. 4, REFER TO STANDARD DRAWING NO. 2-D 415.
12. LOCATIONS OF CATCH BASIN CONNECTOR PIPE JUNCTIONS WITH CATCH BASINS AS SHOWN ON THE DRAWINGS ARE SCHEMATIC. IT IS INTENDED THAT SUCH JUNCTIONS BE LOCATED AT THE DOWNSTREAM END OF THE CATCH BASIN, UNLESS A DETAIL OF THE CONNECTION IS SHOWN OR A NOTE SPECIFICALLY INDICATES OTHERWISE. IN ALL CASES, THE EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER TO MEET FIELD CONDITIONS.
13. MONOLITHIC CATCH BASIN CONNECTIONS SHALL BE CONSTRUCTED, WHERE APPLICABLE, PER STANDARD DRAWING 2-D 224.
14. "V_i" IS THE DEPTH OF INLET OF CATCH BASINS IN SERIES MEASURED FROM TOP OF CURB TO INVERT OF CONNECTOR PIPE.
15. EXCEPT AS OTHERWISE NOTED, UTILITIES SHOWN ON THESE DRAWINGS ARE OWNED BY THE FOLLOWING AGENCIES:

GAS:	SO. CALIFORNIA GAS CO. (DISTRIBUTION LINES)
GAS:	PACIFIC LIGHTING SERVICE CO. (TRANSMISSION LINES)
WATER:	SAN GABRIEL VALLEY WATER CO.
TELEPHONE:	PACIFIC TEL. & TEL. CO.
ELECTRIC:	SO. CALIFORNIA EDISON CO.
SAN SEWERS:	CITY OF SOUTH EL MONTE

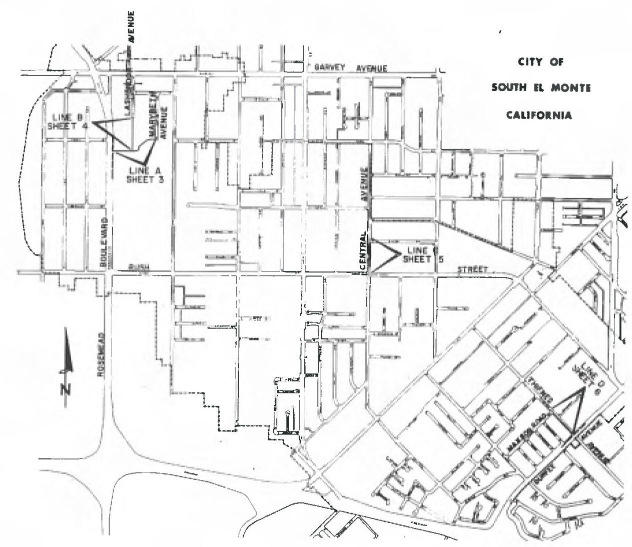
16. EXISTING UTILITIES SHALL BE MAINTAINED IN PLACE BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.
17. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS TO DETERMINE THE DEPTH AND LOCATION OF EXISTING UTILITIES WHERE SO INDICATED BY THE SYMBOL
18. UTILITIES DESIGNATED BY THE SYMBOL "*" WILL BE ABANDONED IN PLACE AND THE OWNER WILL INSTALL A NEW SECTION OF THE AFFECTED UTILITY AT A LOCATION IN CLOSE PROXIMITY TO, BUT WHICH DOES NOT PHYSICALLY INTERFERE WITH, THE PROPOSED STORM DRAIN CONDUIT AND APPURTENANT STRUCTURES.
19. UTILITIES DESIGNATED BY THE SYMBOL ≠ WILL BE REMOVED BY THE OWNER AND THE OWNER WILL REINSTALL A NEW SECTION OF THE AFFECTED UTILITY AT A LOCATION IN CLOSE PROXIMITY TO, BUT WHICH DOES NOT PHYSICALLY INTERFERE WITH, THE PROPOSED STORM DRAIN CONDUIT AND APPURTENANT STRUCTURES.
20. WHERE UTILITIES ARE INDICATED ON THE DRAWINGS TO BE SUPPORTED, SAID SUPPORTS SHALL BE IN ACCORDANCE WITH STANDARD DRAWING 2-D 173.1, .2 or .3, UNLESS OTHERWISE INDICATED.
21. LOCATIONS SHOWN ON THE PLANS FOR EXISTING SANITARY SEWER HOUSE CONNECTIONS ARE APPROXIMATE ONLY.
22. SANITARY SEWER HOUSE CONNECTION RECONSTRUCTION AND RECONNECTION SHALL BE IN ACCORDANCE WITH STANDARD DRAWING 2-D 250, UNLESS OTHERWISE SHOWN.
23. SANITARY SEWERS AND HOUSE CONNECTIONS CROSSING OVER THE STORM DRAIN TRENCH SHALL BE SUPPORTED IN ACCORDANCE WITH STANDARD DRAWING 2-D 173.1 to .3 and ENCASED PER GENERAL NOTE 1 ON STANDARD DRAWING 2-D 173.1.
24. WHEN INDICATED ON THE DRAWINGS, SANITARY SEWERS AND HOUSE CONNECTIONS SHALL BE ENCASED OR BLANKETED IN ACCORDANCE WITH STANDARD DRAWING 2-D 251.
25. ALL OPENINGS RESULTING FROM THE CUTTING OR PARTIAL REMOVAL OF EXISTING CULVERTS, PIPES OR SIMILAR STRUCTURES SHALL BE SEALED WITH 8 INCHES OF BRICK AND MORTAR OR 6 INCHES OF CONCRETE, UNLESS OTHERWISE SHOWN.
26. ALL RESURFACING, CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS, AND OTHER EXISTING IMPROVEMENTS TO BE RECONSTRUCTED SHALL BE CONSTRUCTED AT THE SAME ELEVATION AND LOCATION AS THE EXISTING IMPROVEMENTS, UNLESS OTHERWISE NOTED.
27. REFER TO SHEET 2 FOR TYPICAL CATCH BASIN CONNECTOR PIPE PROFILE.
28. STREET RESURFACING PLANS ARE SHOWN ON SHEET 2 .
29. SOIL TEST BORINGS FOR THIS PROJECT WERE MADE IN MARCH AND JUNE, 1971.
30. AT SIDE OPENING CATCH BASIN LOCATIONS WHERE NO CURB EXISTS, THE CATCH BASIN SHALL BE BUILT WITH A CURB FACE OF 12 INCHES. WHERE THERE IS AN EXISTING CURB WITH A HEIGHT LESS THAN 8 INCHES, THE DEPTH OF DEPRESSION BELOW GUTTER GRADE SHALL BE SUFFICIENT TO PROVIDE AN 8 INCH OPENING INTO THE CATCH BASIN. WHERE THE EXISTING CURB HEIGHT IS 8 INCHES OR MORE, THE CURB FACE AT THE CATCH BASIN SHALL BE THAT OF THE EXISTING CURB HEIGHT PLUS 4 INCHES, UNLESS OTHERWISE SPECIFIED ON THE PROJECT DRAWINGS.
31. ASBESTOS CEMENT PIPE MAY BE USED IN LIEU OF REINFORCED CONCRETE PIPE FOR PIPE 42" OR LESS IN DIAMETER
32. THE REQUIRED D-LOAD FOR THE ASBESTOS CEMENT PIPE SHALL BE 1.5 TIMES THAT SPECIFIED ON THE PLANS FOR THE REINFORCED CONCRETE PIPE.
33. DESIGN OF THE PIPE SHOWN HEREON IS BASED ON THE ASSUMPTION THE PIPE WILL BE INSTALLED IN ACCORDANCE WITH CASE III BEDDING AS SHOWN ON STANDARD DRAWING 2-D 177 UNLESS OTHERWISE SHOWN. "W" VALUES SHALL BE AS SPECIFIED ON STANDARD DRAWING 2-D 177 FOR CASE III BEDDING, NOTES 3(a), 3(b), AND 3(c). IF THE "W" VALUE AT THE TOP OF THE PIPE IS EXCEEDED, THE BEDDING SHALL BE MODIFIED, AND/OR PIPE OF ADDITIONAL STRENGTH SHALL BE PROVIDED. THE PROPOSED MODIFICATION SHALL BE APPROVED BY THE DISTRICT.

REVISIONS		
NO.	DATE	DESCRIPTION

STANDARD DRAWINGS

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

	Drawing No
LOCAL DEPRESSION NO. 2	2-D88
STANDARD DROP STEP	2-D96
MANHOLE NO. 1	2-D102
CONCRETE RINGS, REDUCER, AND PIPE FOR MANHOLE SHAFT	2-D107
JUNCTION STRUCTURE NO. 2	2-D112
MANHOLE NO. 4	2-D113
MANHOLE FRAME AND COVER FOR CATCH BASINS	2-D156
CATCH BASIN REINFORCEMENT FOR ROUND MANHOLES	2-D157
CATCH BASIN NO. 1	2-D 60
CATCH BASIN NO. 2	2-D 62
CATCH BASIN NO. 3	2-D 63
STANDARD A-615 REINFORCING BARS	2-D 71
CATCH BASIN REINFORCEMENT	2-D 72
PIPE SUPPORTS ACROSS TRENCHES	2-D 73 1 to 3
REMOVABLE PROTECTION BAR FOR CATCH BASINS	2-D 75
PIPE BEDDING IN TRENCHES	2-D 77
STANDARD NON-ROCKING MANHOLE FRAME AND COVER	2-D 81
MANHOLE NO. 2	2-D 84
PAVEMENT REMOVAL, EXCAVATION, BACKFILL AND RESURFACING IN STATE HIGHWAYS	2-D187
PIPE CONNECTIONS TO EXISTING STORM DRAINS	2-D190
JUNCTION STRUCTURE NO. 4	2-D193
CONNECTION TO CATCH BASINS FOR PIPE 12" THROUGH 72"	2-D224
FRAME AND GRATING FOR CATCH BASIN	2-D227
DETAIL OF CATCH BASIN OPENING	2-D232
LOCAL DEPRESSION NO. 3	2-D248
REMODELING OF SANITARY SEWER HOUSE CONNECTIONS	2-D250
PROTECTION FOR MAIN LINE AND HOUSE CONNECTION SEWERS	2-D251
ADJUSTABLE PROTECTION BAR STIRRUP	2-D264
CONCRETE COLLAR	2-D393
CRITERIA FOR THE DESIGN OF SHORING FOR EXCAVATIONS	2-D399
SAMPLE SHEET FOR USE AS A GUIDE IN PREPARING CALCULATIONS FOR SHORING OF EXCAVATIONS	2-D400
UNIFIED SOIL CLASSIFICATION SYSTEM	2-D413
LOCAL DEPRESSION NO. 4	2-D415
MODIFICATIONS FOR SIDE OPENING CATCH BASINS	2-D461



LOCATION MAP

——— PROPOSED STORM DRAIN
– – – EXISTING STORM DRAIN

INDEX TO DRAWINGS

NO.	
1.	LOCATION MAP, INDEX TO DRAWINGS, GENERAL NOTES & STANDARD DRAWINGS.
2.	RESURFACING SCHEDULE, ABBREVIATIONS, LEGEND, MISCELLANEOUS DETAILS.
3.	LINE A STA. 0+94.24 TO STA. 10+86.
4.	LINE B STA. 1+00 TO STA. 9+58.
5.	LINE C STA. 1+71 TO STA. 8+46
6.	LINE D STA. 1+32.52 TO STA. 6+14
7.	LOG OF BORINGS LINES A, B, C, & D.
8.	CROSS-SECTIONS LINES A & B.

APPROVED AS TO CITY OF SOUTH EL MONTE
CITY ADMINISTRATOR
DATE 2-1-72

PREPARED IN THE OFFICE OF
L.C (Larry) BEVINGTON, CIVIL ENGINEER
BY Lawrence C Bevington R.E. 8420 DATE 1-28-72

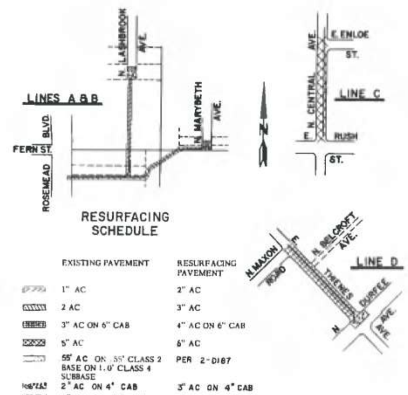
■ AS BUILT DWGS.
1970 STORM DRAIN BOND ISSUE

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

PROJECT NO. 7750
SOUTH EL MONTE
LINES A B C & D,
LOCATION MAP, INDEX TO DRAWINGS,
GENERAL NOTES & STANDARD DRAWINGS

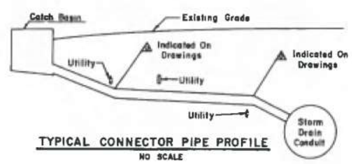
DATE NOV72 | NO. 470-7750-D2-1 | SHEET 1 OF 8

"AS BUILT" DRAWING



RESURFACING SCHEDULE

EXISTING PAVEMENT	RESURFACING PAVEMENT
1" AC	2" AC
2 AC	3" AC
3" AC ON 6" CAB	4" AC ON 6" CAB
5" AC	6" AC
55' AC ON .55' CLASS 2 BASE ON 1.0' CLASS 4 SUBBASE	PER 2-D187
2" AC ON 4" CAB	3" AC ON 4" CAB
3" AC ON 17" CAB	4" AC ON 17" CAB



TYPICAL CONNECTOR PIPE PROFILE

NO SCALE

NOTES:

1. THE CHANGE IN GRADE OF THE CONNECTOR PIPE MAY OCCUR EITHER OVER OR UNDER AN EXISTING UTILITY. THE PARTICULAR UTILITY AT WHICH THE CHANGE IN GRADE OCCURS, IS NOTED ON THE PROJECT DRAWINGS. AT LOCATIONS WHERE UTILITY CROSSINGS ARE MARKED ⚠, THE CONNECTOR PIPE GRADE WILL BREAK OVER THE UTILITY. AT LOCATIONS WHERE THE UTILITY CROSSINGS ARE MARKED ⚠, THE CONNECTOR PIPE GRADE WILL BREAK UNDER THE UTILITY.
2. ON THOSE CONNECTOR PIPES WHERE CHANGE IN GRADE IS NOT INDICATED, IT IS ASSUMED THAT THE CONNECTOR PIPE CAN BE LAID ON A STRAIGHT GRADE FROM THE CATCH BASIN TO THE STORM DRAIN WITHOUT INTERFERENCE WITH UTILITIES.
3. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS TO DETERMINE THE EXACT LOCATION AND DEPTH OF UTILITIES, EXCEPT SANITARY SEWER, WHICH ARE MARKED ⚠ or ⚠. AFTER THE EXACT LOCATION OF A UTILITY HAS BEEN DETERMINED, THE GRADE AND ALIGNMENT OF THE CONNECTOR PIPE WILL BE STAKED SO AS TO CLEAR THE UTILITY.
4. WHERE CONNECTOR PIPE HAS A GRADE CHANGE EXCEEDING 5° OR DIFFERS IN DIAMETER FROM THAT OF EXISTING PIPE, USE CONCRETE COLLAR AS PER STANDARD DRAWING 2-D393.

THESE LOCATIONS WILL BE MARKED y

REVISIONS		
MK	DATE	DESCRIPTION

LEGEND

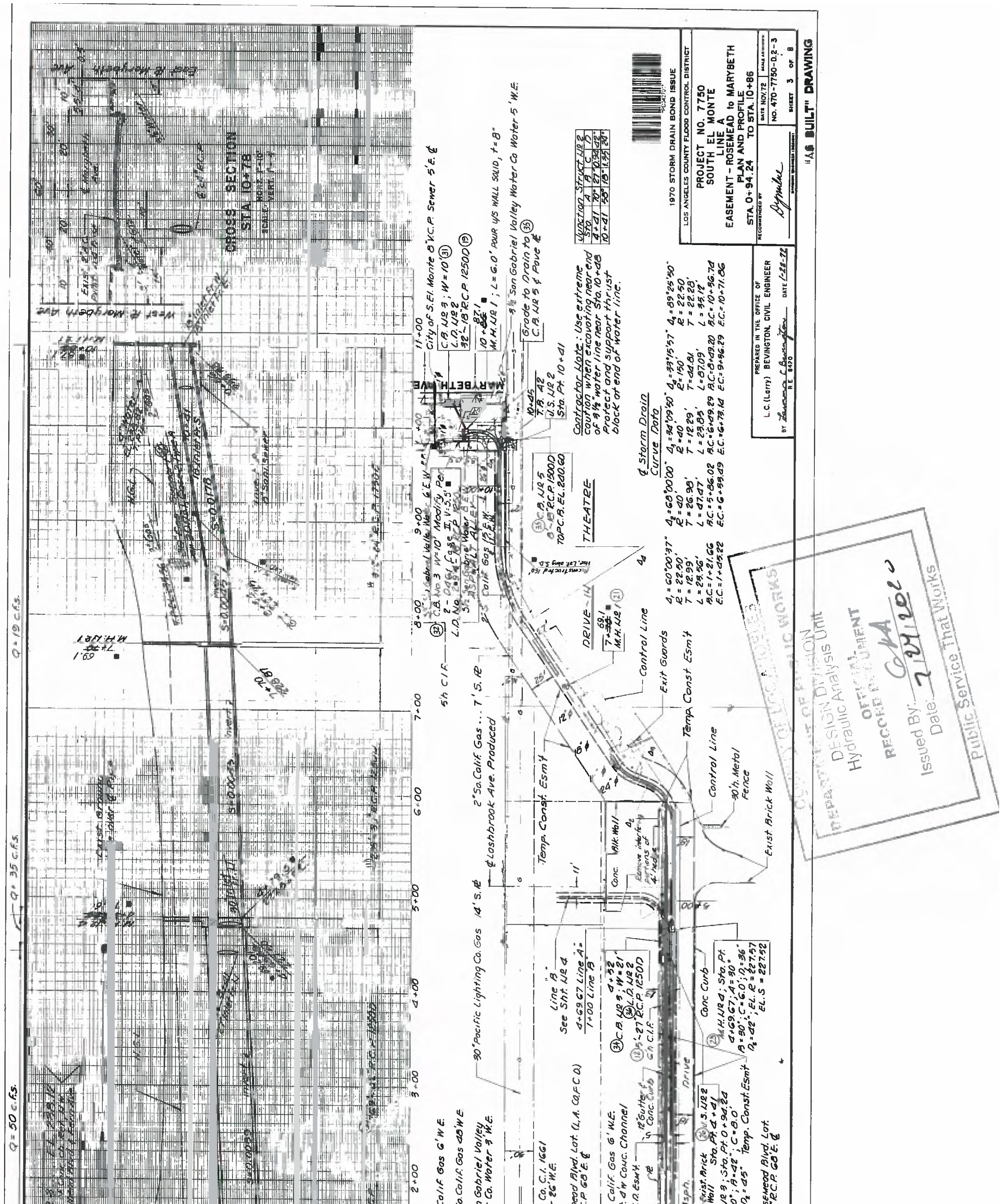
FIRE HYDRANT
POWER POLE
TELEPHONE POLE
ANCHOR GUY
WATER VALVE
GAS VALVE
SANITARY SEWER MANHOLE
WATER METER
SIDE INLET CATCH BASIN W/L.D.
SIGN
STREET LIGHT
SPRINKLER HEAD
GRATING TYPE CATCH BASIN W/L.D.
TRAFFIC LIGHT
DRIVEWAY
TREE
PALM TREE
TEST BORING
BENCH MARK
TELEPHONE MANHOLE
GUTTER
CURB
SIDEWALK
PROPERTY LINE
WATER LINE
GAS LINE
SANITARY SEWER
TELEPHONE M.T.D.
PULL BOX

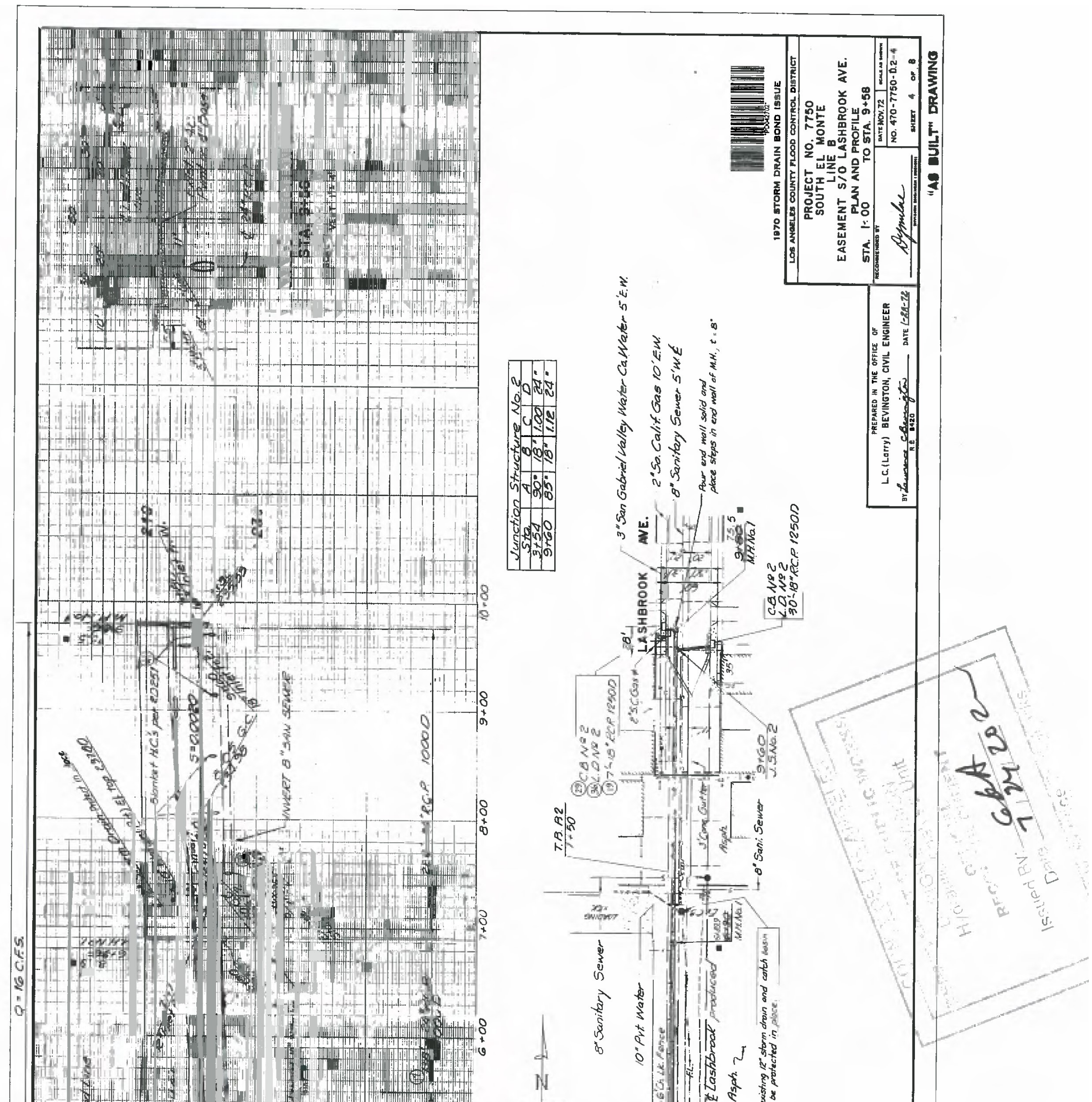
ABBREVIATIONS

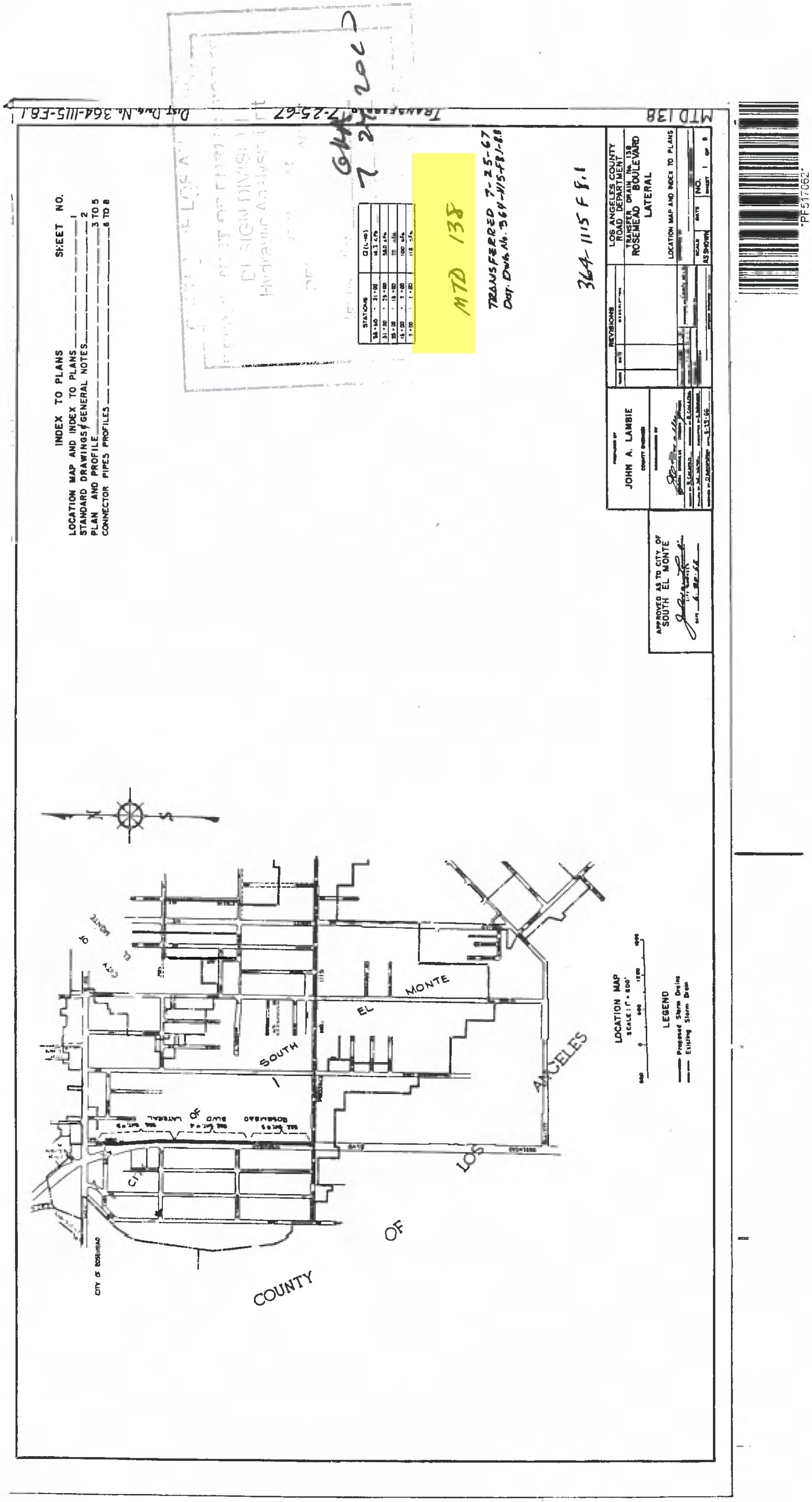
A.C.D.	ASBESTOS CEMENT CONDUIT
A.C.	ASPHALTIC CONCRETE
B.M.	BENCH MARK
B.C.	BEGINNING OF CURVE
C.B.	CATCH BASIN
C.L.F.	CHAIN LINK FENCE
CONC.	CONCRETE
C.M.P.	CORRUGATED METAL PIPE
CB	CURB
C.F.	CURB FACE
DR.	DRIVE
ELEC.	ELECTRIC
EL.	ELEVATION
E.C.	END OF CURVE
EXIST.	EXISTING
FL.	FLOW LINE
F.H.	FIRE HYDRANT
G.M.	GAS METER
G.	GAS
GR.	GRATE
H.L.	HOUSE LATERAL
J.S.	JUNCTION STRUCTURE
I.P.	IRON PIPE
LAT.	LATERAL
L.A.CO.	LOS ANGELES COUNTY
L.D.	LOCAL DEPRESSION
M.H.	MANHOLE
M.T.D.	MULTIPLE TILE CONDUIT
O.L.C.	ORNAMENTAL LIGHT CONDUIT
P.C.C.	PORTLAND CEMENT CONCRETE
P.R.C.	POINT OF REVERSE CURVE
P.P.	POWER POLE
PVMT.	PAVEMENT
R.C.P.	REINFORCED CONCRETE PIPE
REM.	REMOVE
R/W	RIGHT-OF-WAY
SEWER	SANITARY SEWER
STA. PT.	STATION POINT
S.T.D	SINGLE TILE CONDUIT
TEL.	TELEPHONE
T.P.	TELEPHONE POLE
T.B.	TEST BORING
T.C EL.	TOP OF CURB ELEVATION
T.S.	TRANSITION STRUCTURE
TS	TRAFFIC SIGNAL
V.C.P.	VITRIFIED CLAY PIPE
W.	WATER
W.M.	WATER METER

PREPARED IN THE OFFICE OF
L.C (Larry) BEVINGTON, CIVIL ENGINEER
BY Lawrence C Bevington R.E. 8420 DATE 1-28-72

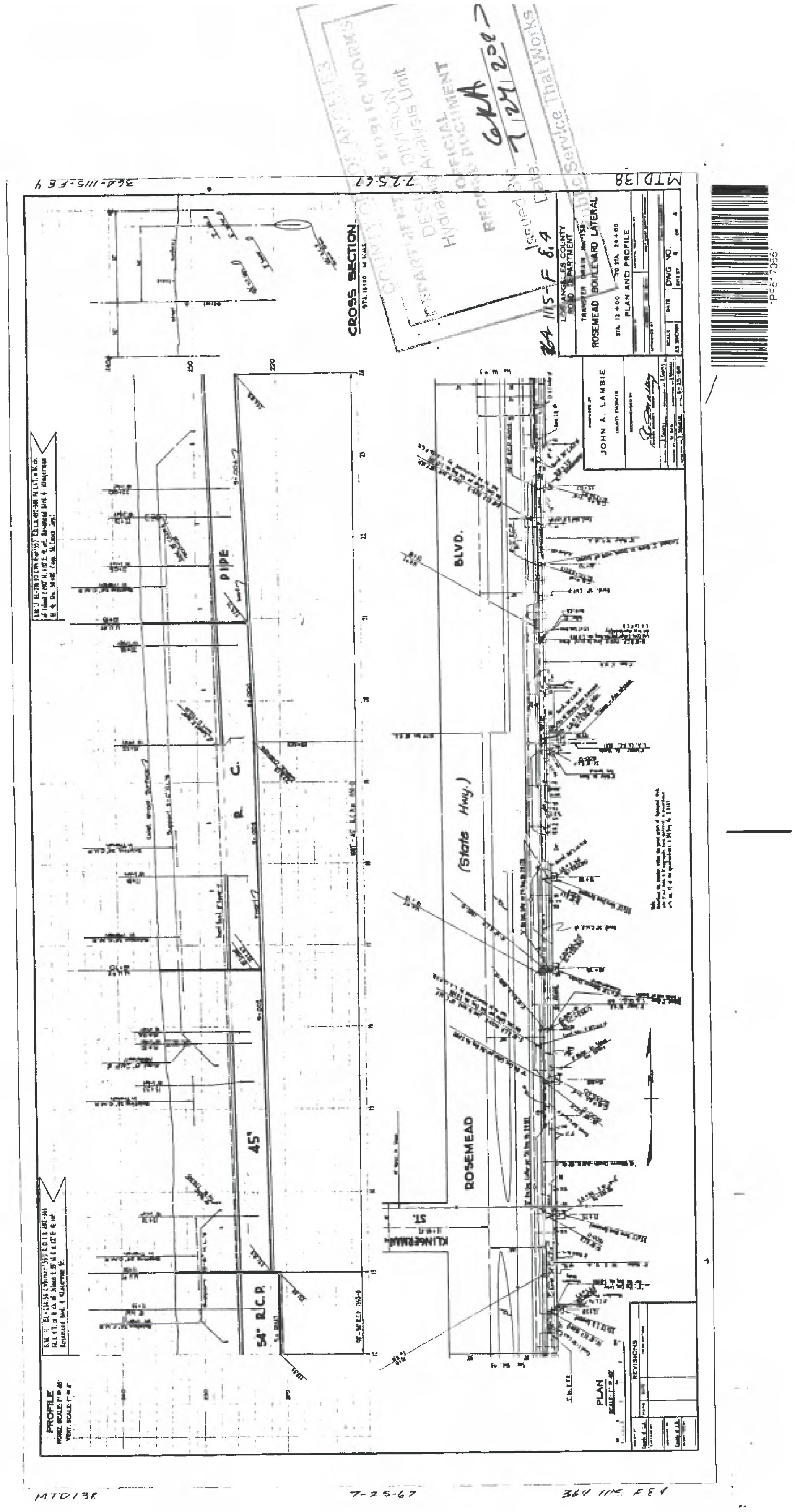
1970 STORM DRAIN BOND ISSUE
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
PROJECT NO. 7750
SOUTH EL MONTE
RESURFACING SCHEDULE, ABBREVIATIONS, LEGEND & MISCELLANEOUS DETAILS
DATE NOV.72
NO. 470-7750-D.2-2
SHEET 2 OF 8
"AS BUILT" DRAWING

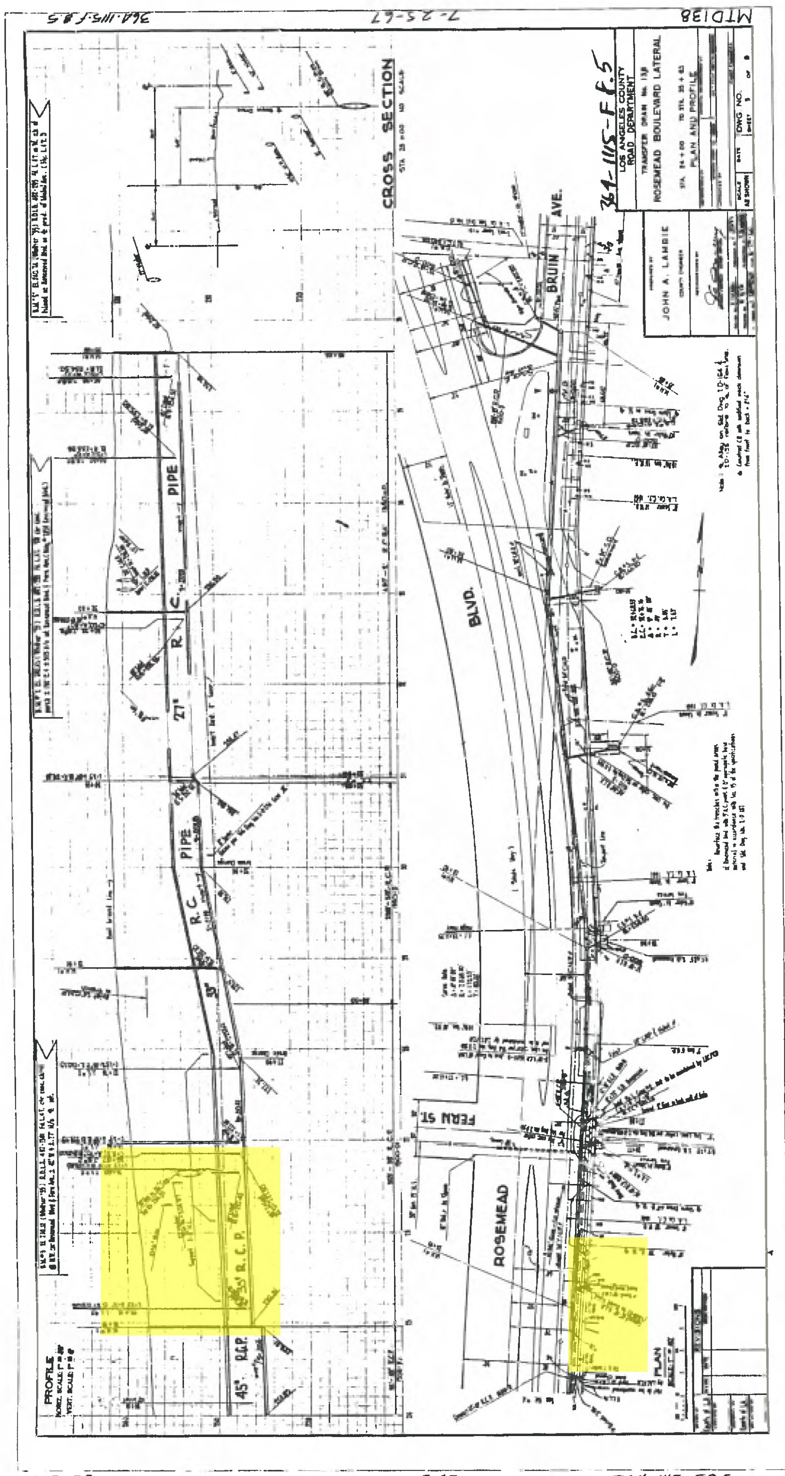

1970 STORM DRAIN BOND ISSUE
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
PROJECT NO. 7750
SOUTH EL MONTE
LINE A
EASEMENT - ROSEMEAD to MARYBETH
PLAN AND PROFILE
STA. 0+94.24 TO STA. 10+86
PREPARED IN THE OFFICE OF
L.C. (Larry) BEVINGTON, CIVIL ENGINEER
"AS BUILT" DRAWING
CROSS SECTION
STA. 10+78
PROFILE
PLAN
SCALE: 1" = 40'
ROSEMEAD BLVD.
STATE HIGHWAY
FERN ST.
MARYBETH AVE
THEATRE
DESIGN DIVISION
Hydraulic Analysis Unit
OFFICIAL
RECORD DOCUMENT
Issued By:
Date:
Public Service That Works


1970 STORM DRAIN BOND ISSUE
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
PROJECT NO. 7750
SOUTH EL MONTE
LINE B
EASEMENT S/O LASHBROOK AVE.
PLAN AND PROFILE
STA. 1+00 TO STA. 9+58
"AS BUILT" DRAWING
LASHBROOK AVE.
PLAN



MTD 138 — 7-25-67 — Dist. Dwg. No. 364-1115-F.B.1


MTD 138
7-25-67
CROSS SECTION
PROFILE
PLAN
REVISIONS
LOS ANGELES COUNTY
ROAD DEPARTMENT
ROSEMEAD BOULEVARD LATERAL
PLAN AND PROFILE
JOHN A. LAMBIE
COUNTY ENGINEER
ROSEMEAD
BLVD.
(State Hwy.)
KLINGERMAN ST.
54" R.C.P.
45"
R. C.
PIPE


364-1115-F.B.5
7-25-67
MTD138
LOS ANGELES COUNTY ROAD DEPARTMENT
ROSEMEAD BOULEVARD LATERAL
PLAN AND PROFILE
JOHN A. LAMBIE
CROSS SECTION
PROFILE
PLAN
ROSEMEAD
BLVD.
BRUIN AVE.
FERN ST.
R.C. PIPE
R.C.P.
27"
33"
45"

"PF517066"

Appendix D

ADS StormTech BMP Design Details

PROJECT INFORMATION	
ENGINEERED PRODUCT MANAGER	
ADS SALES REP	
PROJECT NO.	

ADVANCED DRAINAGE SYSTEMS, INC.

SiteASSIST by StormTech — FOR STORMTECH INSTRUCTIONS, DOWNLOAD THE INSTALLATION APP

S EL MONTE_SUBAREA A

S EL MONTE, CA

MC-4500 STORMTECH CHAMBER SPECIFICATIONS

1. CHAMBERS SHALL BE STORMTECH MC-4500.
2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101.
4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
5. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
7. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
8. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
   - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
   - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
   - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-4500 CHAMBER SYSTEM

1. STORMTECH MC-4500 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
2. STORMTECH MC-4500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
   - STONESHOOTER LOCATED OFF THE CHAMBER BED.
   - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
   - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
6. MAINTAIN MINIMUM 9" (230 mm) SPACING BETWEEN THE CHAMBER ROWS.
7. INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
8. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M43 DESIGNATION OF #3 OR #4.
9. STONE SHALL BE BROUGHT UP EVENLY AROUND CHAMBERS SO AS NOT TO DISTORT THE CHAMBER SHAPE. STONE DEPTHS SHOULD NEVER DIFFER BY MORE THAN 12" (300 mm) BETWEEN ADJACENT CHAMBER ROWS.
10. STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
11. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIAL BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
12. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

1. STORMTECH MC-4500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
2. THE USE OF EQUIPMENT OVER MC-4500 CHAMBERS IS LIMITED:
   - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
   - NO RUBBER TIRED LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
   - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

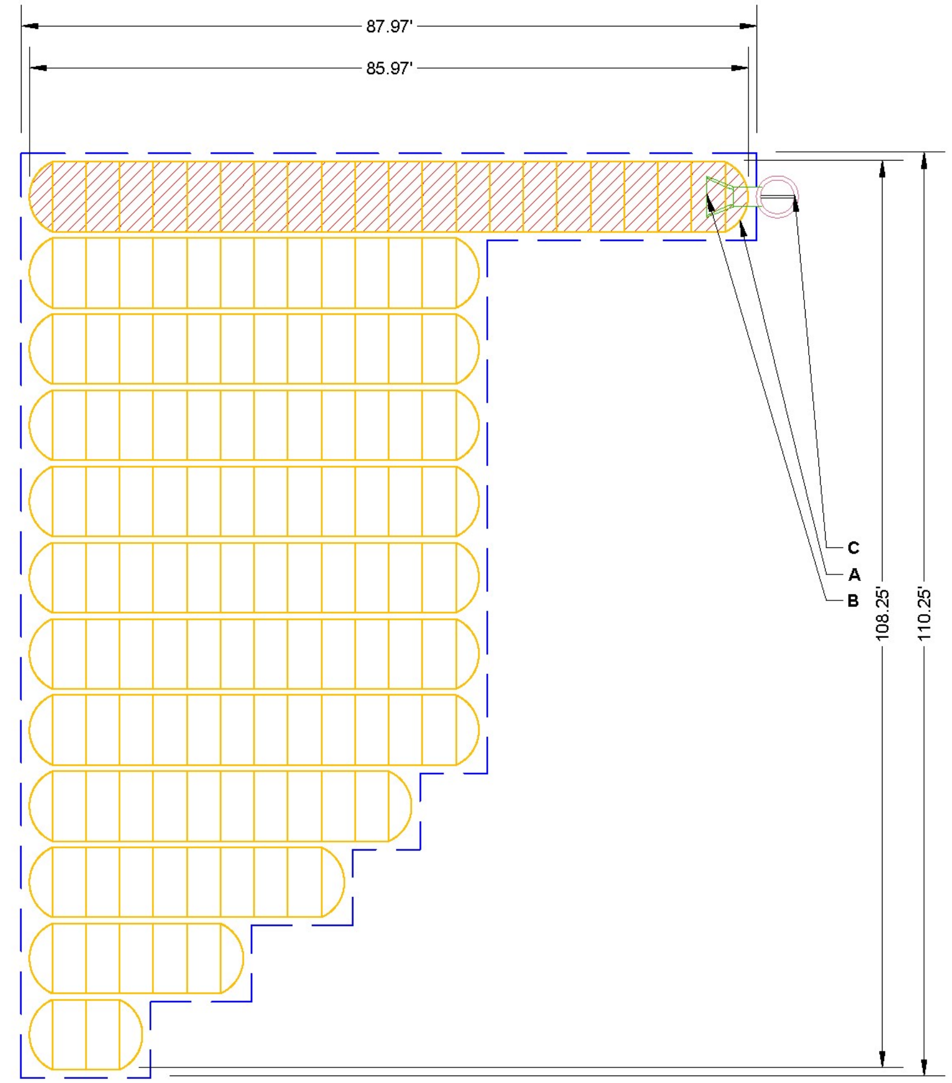
CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

	PROPOSED LAYOUT
129	STORMTECH MC-4500 CHAMBERS
24	STORMTECH MC-4500 END CAPS
30	STONE ABOVE (in)
12	STONE BELOW (in)
40	STONE VOID
27989	INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED) (COVER STONE INCLUDED) (BASE STONE INCLUDED)
5640	SYSTEM AREA (SF)
396.4	SYSTEM PERIMETER (ft)

PROPOSED ELEVATIONS	
MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):	43.00
TOP OF STONE:	38.50
MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):	38.50
MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):	38.00
MINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT):	38.00
MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):	38.00
TOP OF MC-4500 CHAMBER:	36.00
24" ISOLATOR ROW PLUS INVERT:	31.19
BOTTOM OF MC-4500 CHAMBER:	31.00
BOTTOM OF STONE:	30.00

*INVERT ABOVE BASE OF CHAMBER

PART TYPE	ITEM ON LAYOUT	DESCRIPTION	INVERT*	MAX FLOW
PREFABRICATED END CAP	A	24" BOTTOM PARTIAL CUT END CAP, PART#: MC4500IEPP24B / TYP OF ALL 24" BOTTOM CONNECTIONS AND ISOLATOR PLUS ROWS	2.26"	
FLAMP	B	INSTALL FLAMP ON 24" ACCESS PIPE / PART#: MC450024RAMP		
CONCRETE STRUCTURE W/WEIR	C	(DESIGN BY ENGINEER / PROVIDED BY OTHERS)		



ISOLATOR ROW PLUS (SEE DETAIL)

NO WOVEN GEOTEXTILE

BED LIMITS

NOTES

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH NOTE #6.32 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- **NOT FOR CONSTRUCTION:** THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

S EL MONTE_SUBAREA A
S EL MONTE, CA

DATE: 12/7/2020 | DRAWN: JT
PROJECT #: | CHECKED: N/A

REV	DRW	CHK	DESCRIPTION

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860-529-8188 | 888-892-2694 | WWW.STORMTECH.COM

ADS ADVANCED DRAINAGE SYSTEMS, INC.
4640 TRUEMAN BLVD
HILLIARD, OH 43026
1-800-733-7473

0 20' 40'

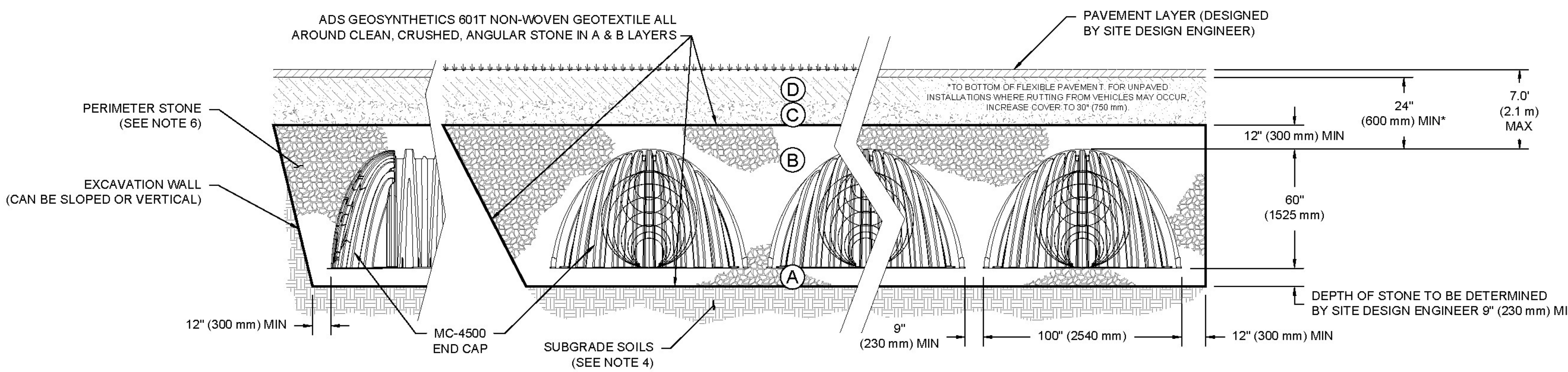
THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DRAWING PRIOR TO CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.

SHEET
2 OF 5

ACCEPTABLE FILL MATERIALS: STORMTECH MC-4500 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



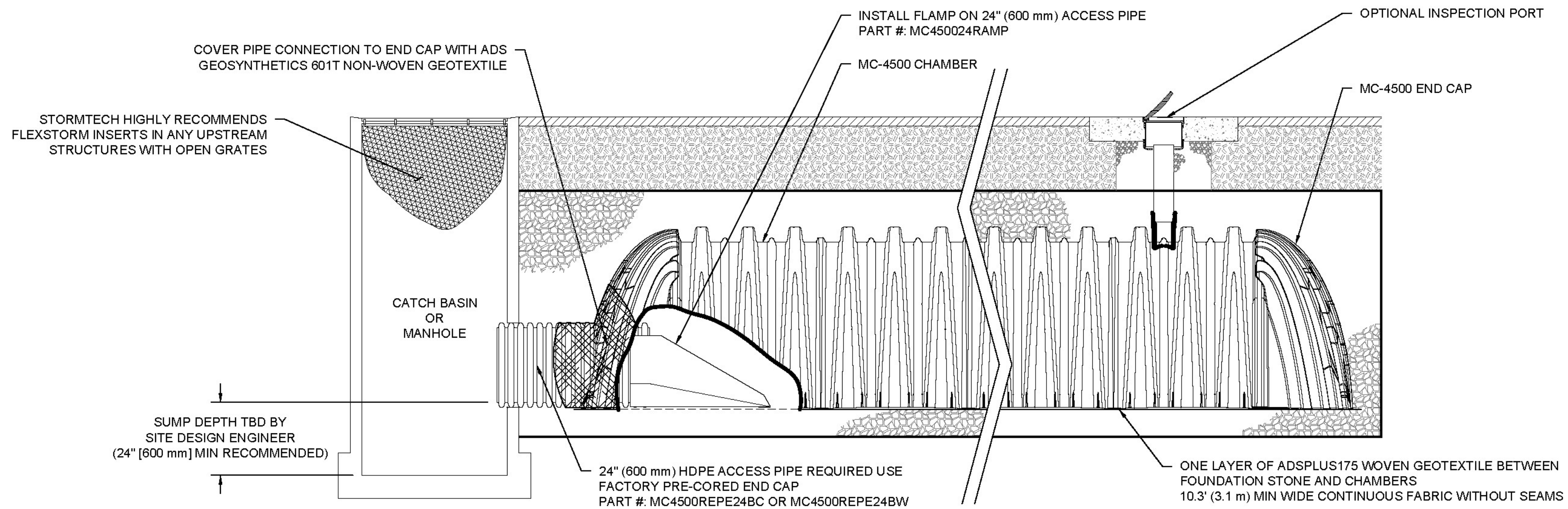
NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
2. MC-4500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

S EL MONTE_SUBAREA A
S EL MONTE, CA
DATE: 12/7/2020 | DRAWN: JT
PROJECT #: | CHECKED: N/A

REV	DRW	CHK	DESCRIPTION

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ADS® ADVANCED DRAINAGE SYSTEMS, INC.
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HILLIARD, OH 43026
1-800-733-7473



MC-4500 ISOLATOR ROW PLUS DETAIL

NTS

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

S EL MONTE_SUBAREA A
S EL MONTE, CA

DATE: 12/7/2020 DRAWN: JT
PROJECT #: CHECKED: N/A

REV	DRW	CHK	DESCRIPTION

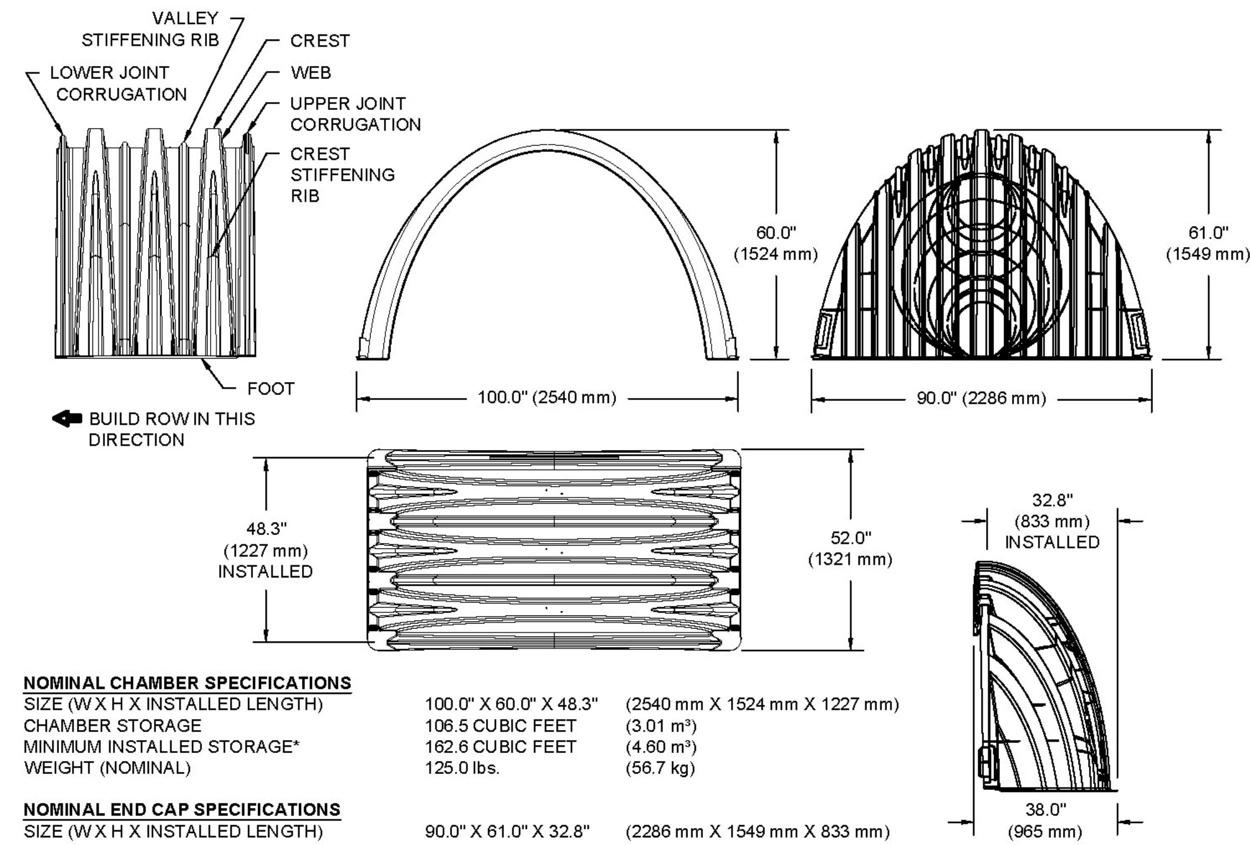
StormTech® Detention • Retention • Water Quality
520 CROMWELL AVENUE | ROCKY HILL | CT | 06067
860-529-8188 | 888-892-2694 | WWW.STORMTECH.COM

ADS® ADVANCED DRAINAGE SYSTEMS, INC.
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SHEET
4 OF 5

MC-4500 TECHNICAL SPECIFICATION

NTS



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	100.0" X 60.0" X 48.3"	(2540 mm X 1524 mm X 1227 mm)
CHAMBER STORAGE	106.5 CUBIC FEET	(3.01 m³)
MINIMUM INSTALLED STORAGE*	162.6 CUBIC FEET	(4.60 m³)
WEIGHT (NOMINAL)	125.0 lbs.	(56.7 kg)

NOMINAL END CAP SPECIFICATIONS

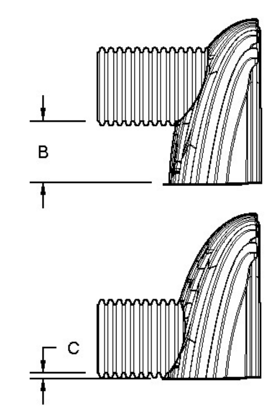
SIZE (W X H X INSTALLED LENGTH)	90.0" X 61.0" X 32.8"	(2286 mm X 1549 mm X 833 mm)
END CAP STORAGE	39.5 CUBIC FEET	(1.12 m³)
MINIMUM INSTALLED STORAGE*	115.3 CUBIC FEET	(3.26 m³)
WEIGHT (NOMINAL)	90 lbs.	(40.8 kg)

*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION AND BETWEEN CHAMBERS, 12" (305 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

PART #	STUB	B	C
MC4500IEPP06T	6" (150 mm)	42.54" (1081 mm)	---
MC4500IEPP06B		---	0.86" (22 mm)
MC4500IEPP08T	8" (200 mm)	40.50" (1029 mm)	---
MC4500IEPP08B		---	1.01" (26 mm)
MC4500IEPP10T	10" (250 mm)	38.37" (975 mm)	---
MC4500IEPP10B		---	1.33" (34 mm)
MC4500IEPP12T	12" (300 mm)	35.69" (907 mm)	---
MC4500IEPP12B		---	1.55" (39 mm)
MC4500IEPP15T	15" (375 mm)	32.72" (831 mm)	---
MC4500IEPP15B		---	1.70" (43 mm)
MC4500IEPP18T	18" (450 mm)	29.36" (746 mm)	---
MC4500IEPP18TW			
MC4500IEPP18B		---	1.97" (50 mm)
MC4500IEPP18BW			
MC4500IEPP24T	24" (600 mm)	23.05" (585 mm)	---
MC4500IEPP24TW			
MC4500IEPP24B		---	2.26" (57 mm)
MC4500IEPP24BW			
MC4500IEPP30BW	30" (750 mm)	---	2.95" (75 mm)
MC4500IEPP36BW	36" (900 mm)	---	3.25" (83 mm)
MC4500IEPP42BW	42" (1050 mm)	---	3.55" (90 mm)

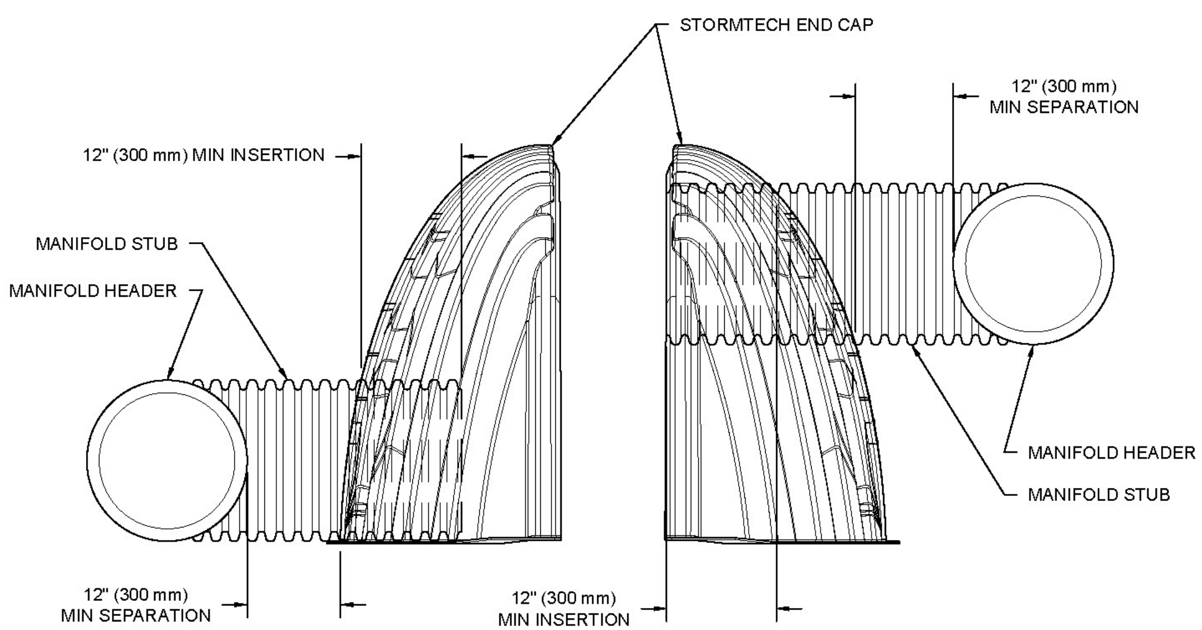
NOTE: ALL DIMENSIONS ARE NOMINAL



CUSTOM PARTIAL CUT INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 15-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-4500 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

MC-SERIES END CAP INSERTION DETAIL

NTS



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

S EL MONTE_SUBAREA A
S EL MONTE, CA
DATE: 12/7/2020 DRAWN: JT
PROJECT #: CHECKED: N/A

REV	DRW	CHK	DESCRIPTION

StormTech® Detention • Retention • Water Quality
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4640 TRUEMAN BLVD
HILLIARD, OH 43026
1-800-733-7473

THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DRAWING PRIOR TO CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.

SHEET
5 OF 5

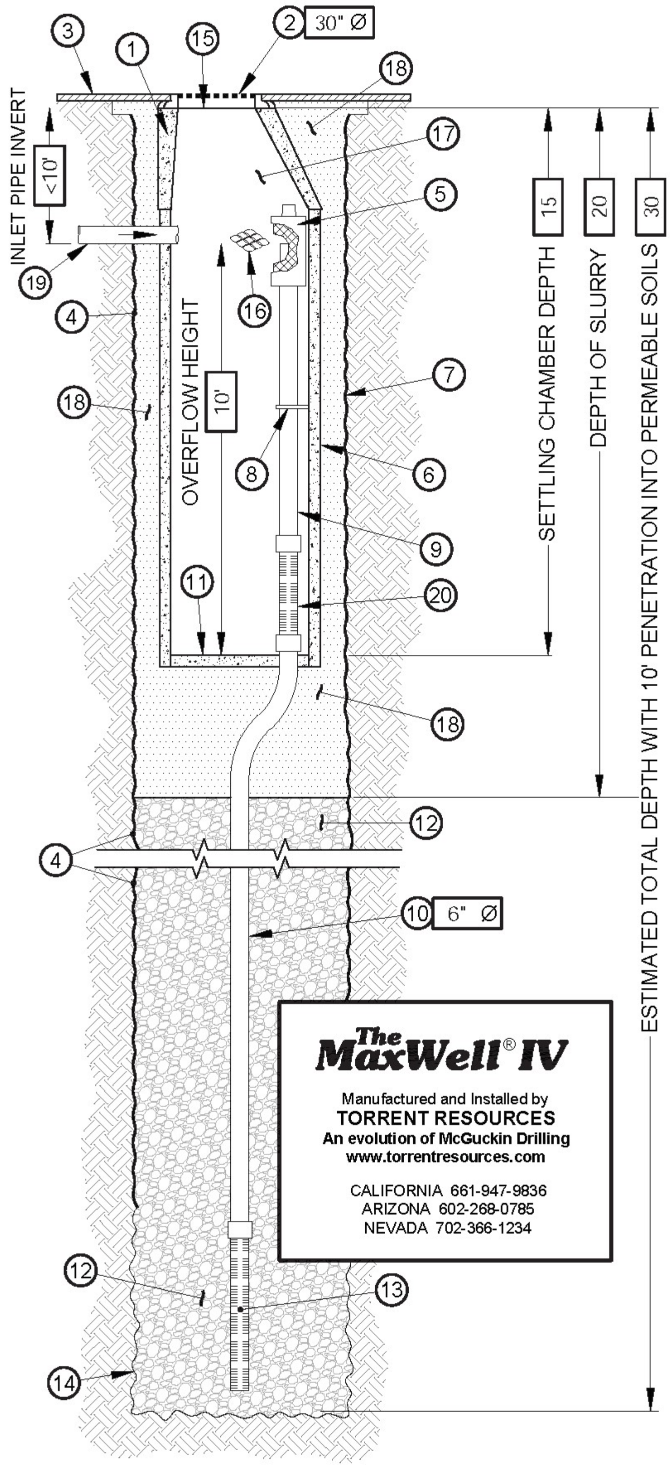
Appendix E

MaxWell Plus Dry Well BMP Design Details

The MaxWell® IV Drainage System Detail And Specifications

ITEM NUMBERS

1. **MANHOLE CONE** - MODIFIED FLAT BOTTOM.
2. **BOLTED RING & GRATE** - DIAMETER AS SHOWN. CLEAN CAST IRON WITH WORDING **"STORM WATER ONLY"** IN RAISED LETTERS. **BOLTED IN 2 LOCATIONS** AND SECURED TO CONE WITH MORTAR. RIM ELEVATION ±0.02' OF PLANS.
3. **GRADED BASIN OR PAVING** (BY OTHERS).
4. NON-WOVEN GEOTEXTILE SLEEVE, MIRAFITM/ 140 NL. HELD APPROX. 10 FEET OFF THE BOTTOM OF EXCAVATION.
5. **PUREFLO® DEBRIS SHIELD** - ROLLED 16 GA. STEEL X 24" LENGTH WITH VENTED ANTI-SIPHON AND INTERNAL .265" MAX. SWO FLATTENED EXPANDED STEEL SCREEN X 12" LENGTH. **FUSION BONDED EPOXY COATED**.
6. **PRE-CAST LINER** - 4000 PSI CONCRETE 48" ID. X 54" OD. **CENTER IN HOLE** AND ALIGN SECTIONS **TO MAXIMIZE BEARING SURFACE**.
7. **MIN. 6' Ø DRILLED SHAFT**.
8. **SUPPORT BRACKET** - FORMED 12 GA. STEEL. **FUSION BONDED EPOXY COATED**.
9. **OVERFLOW PIPE** - SCH. 40 PVC MATED TO DRAINAGE PIPE AT BASE SEAL.
10. **DRAINAGE PIPE** - ADS HIGHWAY GRADE WITH TRI-A COUPLER. **SUSPEND PIPE** DURING BACKFILL OPERATIONS TO PREVENT BUCKLING OR BREAKAGE. DIAMETER AS NOTED.
11. **BASE SEAL** - GEOTEXTILE OR CONCRETE SLURRY.
12. **ROCK** - WASHED, SIZED BETWEEN 3/8" AND 1-1/2" TO **BEST COMPLEMENT SOIL CONDITIONS**.
13. **FLOFAST® DRAINAGE SCREEN** - SCH. 40 PVC 0.120" SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. 120" OVERALL LENGTH WITH TRI-B COUPLER.
14. **MIN. 6' Ø SHAFT** - DRILLED TO **MAINTAIN PERMEABILITY** OF DRAINAGE SOILS.
15. **FABRIC SEAL** - U.V. RESISTANT GEOTEXTILE - **TO BE REMOVED BY CUSTOMER** AT PROJECT COMPLETION.
16. **ABSORBENT** - HYDROPHOBIC PETROCHEMICAL SPONGE. MIN. 128 OZ. CAPACITY. TYPICAL, TWO PER CHAMBER.
17. **FREEBOARD DEPTH VARIES** WITH INLET PIPE ELEVATION. INCREASE SETTLING CHAMBER DEPTH AS NEEDED TO MAINTAIN ALL INLET PIPE ELEVATIONS ABOVE OVERFLOW PIPE INLET.
18. STABILIZED BACKFILL - SIX-SACK SLURRY MIX.
19. **INLET PIPE** (BY OTHERS).
20. **INTAKE SCREEN** - 6" Ø SCH. 40 PVC 0.120" MODIFIED SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. 48" OVERALL LENGTH WITH TRI-C END CAP.



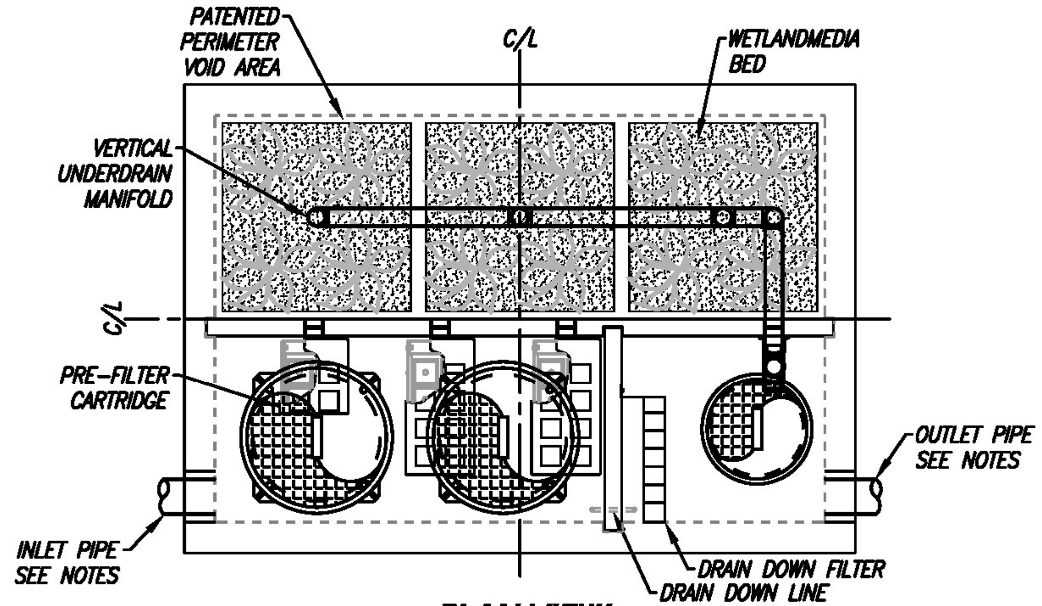
AZ Lic. ROC070465 A, ROC047067 B-4, ADWR 363
CA Lic. 528080, C-42, HAZ.
NV Lic. 0035350 A - NM Lic. 90504 GF04

U.S. Patent No. 4,923,330 - ™ Trademark 1974, 1990, 2004

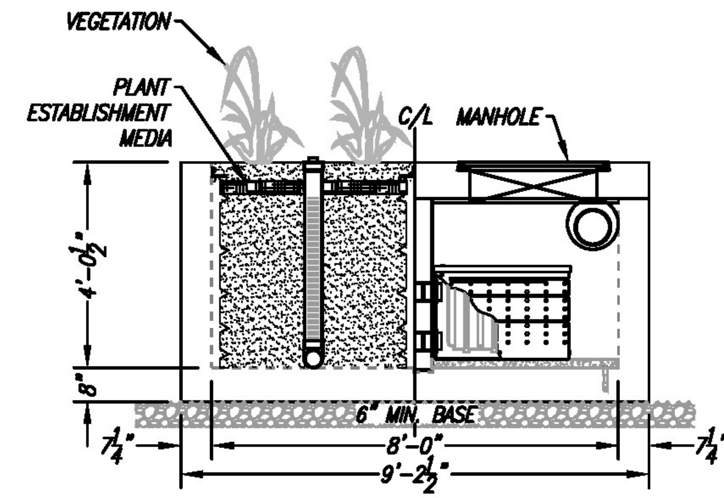
Appendix F

BioClean Modular Wetland BMP Design Details

SITE SPECIFIC DATA			
PROJECT NAME			
PROJECT LOCATION			
STRUCTURE ID			
TREATMENT REQUIRED			
VOLUME BASED (CF)		FLOW BASED (CFS)	
TREATMENT HGL AVAILABLE (FT)			
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2			
OUTLET PIPE			
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION			
SURFACE LOAD	PARKWAY	OPEN PLANTER	PARKWAY
FRAME & COVER	ø30"	N/A	ø24"
WETLANDMEDIA VOLUME (CY)			7.26
WETLANDMEDIA DELIVERY METHOD			TBD
ORIFICE SIZE (DIA. INCHES)			ø2.66"
MAXIMUM PICK WEIGHT (LBS)			TBD
NOTES:			

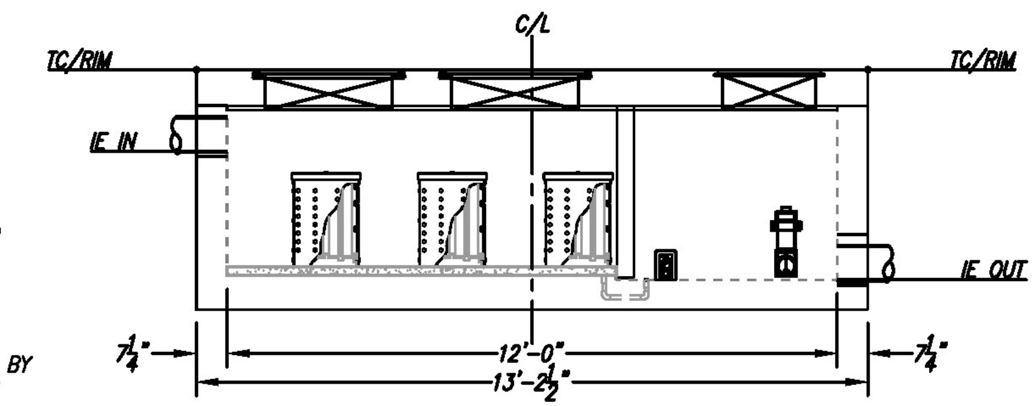


PLAN VIEW

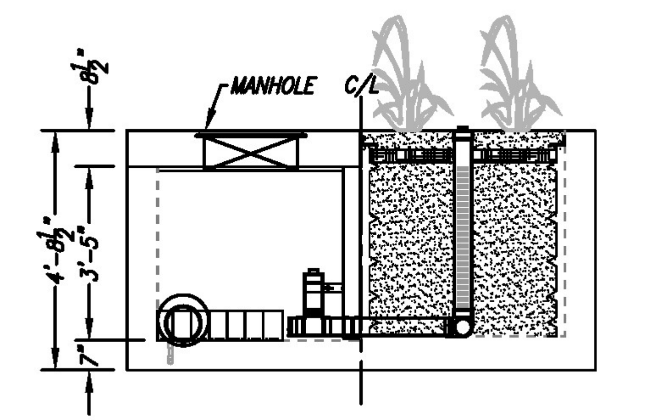


LEFT END VIEW

BIOFILTRATION/PRETREATMENT



ELEVATION VIEW



RIGHT END VIEW

DISCHARGE/BIOFILTRATION

INSTALLATION NOTES

1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURERS SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURERS CONTRACT.
2. UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE TO VERIFY PROJECT ENGINEERS RECOMMENDED BASE SPECIFICATIONS.
3. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE. (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL GAPS AROUND PIPES SHALL BE SEALED WATER TIGHT WITH A NON-SHRINK GROUT PER MANUFACTURERS STANDARD CONNECTION DETAIL AND SHALL MEET OR EXCEED REGIONAL PIPE CONNECTION STANDARDS.
4. CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES.
5. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL RISERS, MANHOLES, AND HATCHES. CONTRACTOR TO GROUT ALL MANHOLES AND HATCHES TO MATCH FINISHED SURFACE UNLESS SPECIFIED OTHERWISE.
6. DRIP OR SPRAY IRRIGATION REQUIRED ON ALL UNITS WITH VEGETATION.

GENERAL NOTES

1. MANUFACTURER TO PROVIDE ALL MATERIALS UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS, ELEVATIONS, SPECIFICATIONS AND CAPACITIES ARE SUBJECT TO CHANGE. FOR PROJECT SPECIFIC DRAWINGS DETAILING EXACT DIMENSIONS, WEIGHTS AND ACCESSORIES PLEASE CONTACT MANUFACTURER.

TREATMENT FLOW (CFS)	0.346
OPERATING HEAD (FT)	3.4
PRETREATMENT LOADING RATE (GPM/SF)	TBD
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

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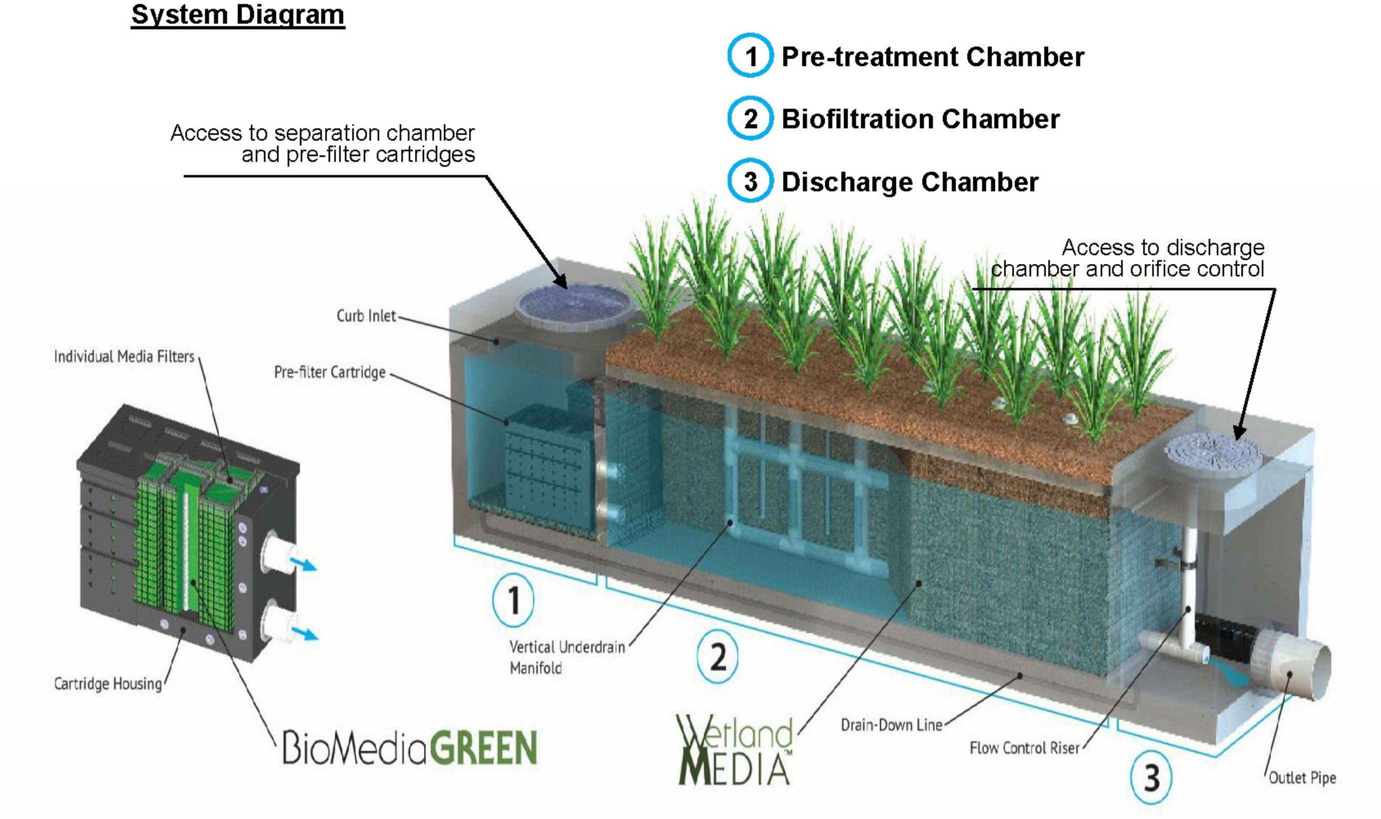
MWS-L-8-12-V
STORMWATER BIOFILTRATION SYSTEM STANDARD DETAIL

Inspection Guidelines for
Modular Wetland System - Linear

Inspection Summary

- <u>Inspect Pre-Treatment, Biofiltration and Discharge Chambers</u> – average inspection interval is 6 to 12 months.
  - (1*5 minute average inspection time*).
- <u>NOTE:</u> Pollutant loading varies greatly from site to site and no two sites are the same. Therefore, the first year requires inspection monthly during the wet season and every other month during the dry season in order to observe and record the amount of pollutant loading the system is receiving.

System Diagram



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Inspection Overview

As with all stormwater BMPs inspection and maintenance on the MWS Linear is necessary. Stormwater regulations require that all BMPs be inspected and maintained to ensure they are operating as designed to allow for effective pollutant removal and provide protection to receiving water bodies. It is recommended that inspections be performed multiple times during the first year to assess the site specific loading conditions. This is recommended because pollutant loading and pollutant characteristics can vary greatly from site to site. Variables such as nearby soil erosion or construction sites, winter sanding on roads, amount of daily traffic and land use can increase pollutant loading on the system. The first year of inspections can be used to set inspection and maintenance intervals for subsequent years to ensure appropriate maintenance is provided. Without appropriate maintenance a BMP will exceed its storage capacity which can negatively affect its continued performance in removing and retaining captured pollutants.

Inspection Equipment

Following is a list of equipment to allow for simple and effective inspection of the MWS Linear:

- Modular Wetland Inspection Form
- Flashlight
- Manhole hook or appropriate tools to remove access hatches and covers
- Appropriate traffic control signage and procedures
- Measuring pole and/or tape measure.
- Protective clothing and eye protection.
- 7/16” open or closed ended wrench.
- Large permanent black marker (initial inspections only – first year)
- Note: entering a confined space requires appropriate safety and certification. It is generally not required for routine inspections of the system.



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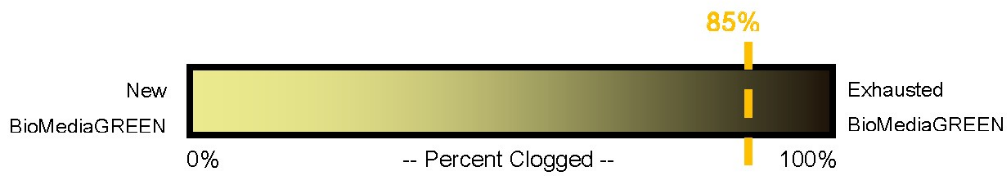
Inspection Steps

The core to any successful stormwater BMP maintenance program is routine inspections. The inspection steps required on the MWS Linear are quick and easy. As mentioned above the first year should be seen as the maintenance interval establishment phase. During the first year more frequent inspections should occur in order to gather loading data and maintenance requirements for that specific site. This information can be used to establish a base for long term inspection and maintenance interval requirements.

The MWS Linear can be inspected though visual observation without entry into the system. All necessary pre-inspection steps must be carried out before inspection occurs, especially traffic control and other safety measures to protect the inspector and near-by pedestrians from any dangers associated with an open access hatch or manhole. Once these access covers have been safely opened the inspection process can proceed:

- Prepare the inspection form by writing in the necessary information including project name, location, date & time, unit number and other info (see inspection form).
- Observe the inside of the system through the access hatches. If minimal light is available and vision into the unit is impaired utilize a flashlight to see inside the system and all of its chambers.
- Look for any out of the ordinary obstructions in the inflow pipe, pre-treatment chamber, biofiltration chamber, discharge chamber or outflow pipe. Write down any observations on the inspection form.
- Through observation and/or digital photographs estimate the amount of trash, debris and sediment accumulated in the pre-treatment chamber. Utilizing a tape measure or measuring stick estimate the amount of trash, debris and sediment in this chamber. Record this depth on the inspection form.

- Through visual observation inspect the condition of the pre-filter cartridges. Look for excessive build-up of sediments on the cartridges, any build-up on the top of the cartridges, or clogging of the holes. Record this information on the inspection form. The pre-filter cartridges can further be inspected by removing the cartridge tops and assessing the color of the BioMediaGREEN filter cubes (requires entry into pre-treatment chamber – see notes above regarding confined space entry). Record the color of the material. New material is a light green in color. As the media becomes clogged it will turn darker in color, eventually becoming dark brown or black. Using the below color indicator record the percentage of media exhausted.



- The biofiltration chamber is generally maintenance free due to the system's advanced pre-treatment chamber. For units which have open planters with vegetation it is recommended that the vegetation be inspected. Look for any plants that are dead or showing signs of disease or other negative stressors. Record the general health of the plants on the inspection and indicate through visual observation or digital photographs if trimming of the vegetation is needed.
- The discharge chamber houses the orifice control structure, drain down filter and is connected to the outflow pipe. It is important to check to ensure the orifice is in proper operating conditions and free of any obstructions. It is also important to assess the condition of the drain down filter media which utilizes a block form of the BioMediaGREEN. Assess in the same manner as the cubes in the Pre-Filter Cartridge as mentioned above. Generally, the discharge chamber will be clean and free of debris. Inspect the water marks on the side walls. If possible, inspect the discharge chamber during a rain event to assess the amount of flow leaving the system while it is at 100% capacity (pre-treatment chamber water level at peak HGL). The water level of the flowing water should be compared to the watermark level on the side walls which is an indicator of the highest discharge rate the system achieved when initially installed. Record on the form is there is any difference in level from watermark in inches.

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- NOTE: During the first few storms the water level in the outflow chamber should be observed and a 6" long horizontal watermark line drawn (using a large permanent marker) at the water level in the discharge chamber while the system is operating at 100% capacity. The diagram below illustrates where a line should be drawn. This line is a reference point for future inspections of the system:





Using a permanent marker draw a 6 inch long horizontal line, as shown, at the higher water level in the MWS Linear discharge chamber.

- Water level in the discharge chamber is a function of flow rate and pipe size. Observation of water level during the first few months of operation can be used as a benchmark level for future inspections. The initial mark and all future observations shall be made when system is at 100% capacity (water level at maximum level in pre-treatment chamber). If future water levels are below this mark when system is at 100% capacity this is an indicator that maintenance to the pre-filter cartridges may be needed.
- Finalize inspection report for analysis by the maintenance manager to determine if maintenance is required.

Maintenance Indicators

Based upon observations made during inspection, maintenance of the system may be required based on the following indicators:

- Missing or damaged internal components or cartridges.
- Obstructions in the system or its inlet or outlet.
- Excessive accumulation of floatables in the pre-treatment chamber in which the length and width of the chamber is fully impacted more than 18”.



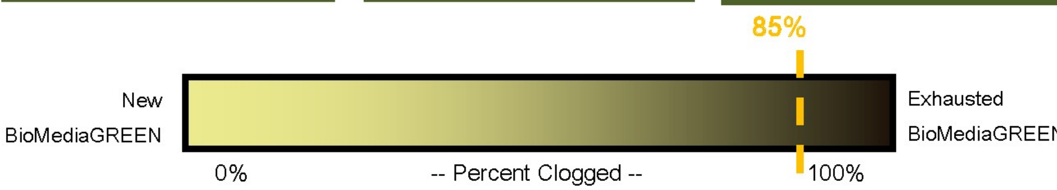
- Excessive accumulation of sediment in the pre-treatment chamber of more than 6” in depth.



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- Excessive accumulation of sediment on the BioMediaGREEN media housed within the pre-filter cartridges. The following chart shows photos of the condition of the BioMediaGREEN contained within the pre-filter cartridges. When media is more than 85% clogged replacement is required.



- Excessive accumulation of sediment on the BioMediaGREEN media housed within the drain down filter. The following photos show of the condition of the BioMediaGREEN contained within the drain down filter. When media is more than 85% clogged replacement is required.





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- Overgrown vegetation.





- Water level in discharge chamber during 100% operating capacity (pre-treatment chamber water level at max height) is lower than the watermark by 20%.

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Inspection Notes

1. Following maintenance and/or inspection, it is recommended the maintenance operator prepare a maintenance/inspection record. The record should include any maintenance activities performed, amount and description of debris collected, and condition of the system and its various filter mechanisms.

2. The owner should keep maintenance/inspection record(s) for a minimum of five years from the date of maintenance. These records should be made available to the governing municipality for inspection upon request at any time.

3. Transport all debris, trash, organics and sediments to approved facility for disposal in accordance with local and state requirements.

4. Entry into chambers may require confined space training based on state and local regulations.

5. No fertilizer shall be used in the Biofiltration Chamber.

6. Irrigation should be provided as recommended by manufacturer and/or landscape architect. Amount of irrigation required is dependent on plant species. Some plants may not require irrigation after initial establishment.

Maintenance Guidelines for
Modular Wetland System - Linear

Maintenance Summary

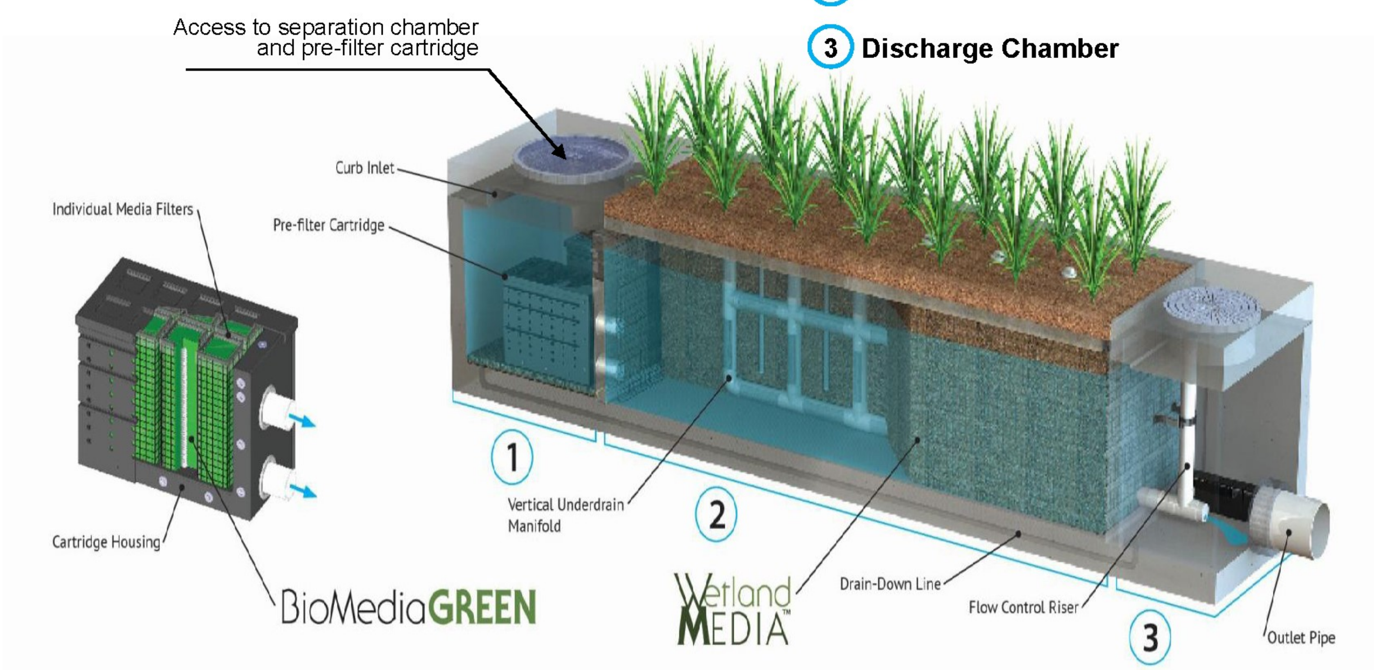
- Remove Sediment from Pre-Treatment Chamber – average maintenance interval is 12 to 24 months.
  - (*10 minute average service time*).
- Replace Pre-Filter Cartridge Media – average maintenance interval 12 to 24 months.
  - (*10-15 minute per cartridge average service time*).
- Trim Vegetation – average maintenance interval is 6 to 12 months.
  - (*Service time varies*).

System Diagram

1 Pre-treatment Chamber

2 Biofiltration Chamber

3 Discharge Chamber



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Maintenance Overview

The time has come to maintain your Modular Wetland System Linear (MWS Linear). To ensure successful and efficient maintenance on the system we recommend the following. The MWS Linear can be maintained by removing the access hatches over the systems various chambers. All necessary pre-maintenance steps must be carried out before maintenance occurs, especially traffic control and other safety measures to protect the inspector and near-by pedestrians from any dangers associated with an open access hatch or manhole. Once traffic control has been set up per local and state regulations and access covers have been safely opened the maintenance process can begin. It should be noted that some maintenance activities require confined space entry. All confined space requirements must be strictly followed before entry into the system. In addition the following is recommended:

- Prepare the maintenance form by writing in the necessary information including project name, location, date & time, unit number and other info (see maintenance form).
- Set up all appropriate safety and cleaning equipment.
- Ensure traffic control is set up and properly positioned.
- Prepare a pre-checks (OSHA, safety, confined space entry) are performed.

Maintenance Equipment

Following is a list of equipment required for maintenance of the MWS Linear:

- Modular Wetland Maintenance Form
- Manhole hook or appropriate tools to access hatches and covers
- Protective clothing, flashlight and eye protection.
- 7/16" open or closed ended wrench.
- Vacuum assisted truck with pressure washer.
- Replacement BioMediaGREEN for Pre-Filter Cartridges if required (order from manufacturer).



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Maintenance Steps

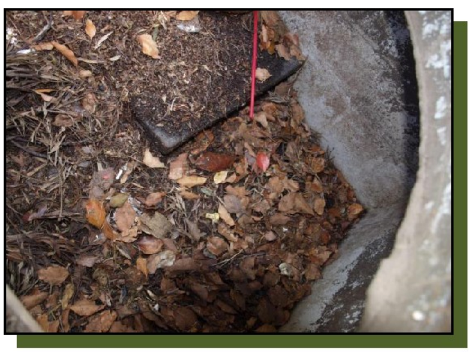
1. Pre-treatment Chamber (bottom of chamber)

   A. Remove access hatch or manhole cover over pre-treatment chamber and position vacuum truck accordingly.

   B. With a pressure washer spray down pollutants accumulated on walls and pre-filter cartridges.

   C. Vacuum out Pre-Treatment Chamber and remove all accumulated pollutants including trash, debris and sediments. Be sure to vacuum the floor until pervious pavers are visible and clean.

   D. If Pre-Filter Cartridges require media replacement move onto step 2. If not, replace access hatch or manhole cover.



Removal of access hatch to gain access below.



Insertion of vacuum hose into separation chamber.



Removal of trash, sediment and debris.



Fully cleaned separation chamber.

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2. Pre-Filter Cartridges (attached to wall of pre-treatment chamber)

A. After finishing step 1 enter pre-treatment chamber.

B. Unscrew the two bolts holding the lid on each cartridge filter and remove lid.

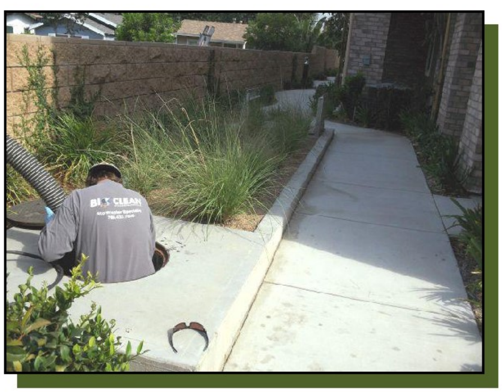


Pre-filter cartridges with tops on.



Inside cartridges showing media filters ready for replacement.

C. Place the vacuum hose over each individual media filter to suck out filter media.

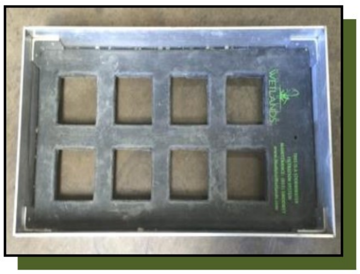


Vacuuming out of media filters.

D. Once filter media has been sucked use a pressure washer to spray down inside of the cartridge and it's containing media cages. Remove cleaned media cages and place to the side. Once removed the vacuum hose can be inserted into the cartridge to vacuum out any remaining material near the bottom of the cartridge.

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E. Reinstall media cages and fill with new media from manufacturer or outside supplier. Manufacturer will provide specification of media and sources to purchase. Utilize the manufacture provided refilling trey and place on top of cartridge. Fill trey with new bulk media and shake down into place. Using your hands slightly compact media into each filter cage. Once cages are full removed refilling trey and replace cartridge top ensuring bolts are properly tightened.



Refilling trey for media replacement.



Refilling trey on cartridge with bulk media.



F. Exit pre-treatment chamber. Replace access hatch or manhole cover.

3. <u>Biofiltration Chamber (middle vegetated chamber)</u>

A. In general, the biofiltration chamber is maintenance free with the exception of maintaining the vegetation. Using standard gardening tools properly trim back the vegetation to healthy levels. The MWS Linear utilizes vegetation similar to surrounding landscape areas therefore trim vegetation to match surrounding vegetation. If any plants have died replace plants with new ones:





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4. Discharge Chamber (contains drain down cartridge & connected to pipe)

A. Remove access hatch or manhole cover over discharge chamber.
B. Enter chamber to gain access to the drain down filter. Unlock the locking mechanism and left up drain down filter housing to remove used BioMediaGREEN filter block as shown below:





C. Insert new BioMediaGREEN filter block and lock drain down filter housing back in place. Replace access hatch or manhole cover over discharge chamber.

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Inspection Notes

1. Following maintenance and/or inspection, it is recommended the maintenance operator prepare a maintenance/inspection record. The record should include any maintenance activities performed, amount and description of debris collected, and condition of the system and its various filter mechanisms.

2. The owner should keep maintenance/inspection record(s) for a minimum of five years from the date of maintenance. These records should be made available to the governing municipality for inspection upon request at any time.

3. Transport all debris, trash, organics and sediments to approved facility for disposal in accordance with local and state requirements.

4. Entry into chambers may require confined space training based on state and local regulations.

5. No fertilizer shall be used in the Biofiltration Chamber.

6. Irrigation should be provided as recommended by manufacturer and/or landscape architect. Amount of irrigation required is dependent on plant species. Some plants may not require irrigation after initial establishment.

Inspection Form



Modular Wetland System, Inc.
P. 760.433-7640
F. 760-433-3176
E. Info@modularwetlands.com

www.modularwetlands.com

Inspection Report
Modular Wetlands System

Project Name ______________________________

Project Address ______________________________
(city) (Zip Code)

Owner / Management Company ______________________________

Contact ______________________ Phone ( ) –

Inspector Name ______________________ Date / / Time ______ AM / PM

Type of Inspection ☐ Routine ☐ Follow Up ☐ Complaint ☐ Storm Storm Event in Last 72-hours? ☐ No ☐ Yes

Weather Condition ______________________ Additional Notes ______________________

For Office Use Only
(Reviewed By)
(Date) Office personnel to complete section to the left.

Inspection Checklist

Modular Wetland System Type (Curb, Grate or UG Vault): ______________ Size (22', 14' or etc.): ______________

Structural Integrity:	**Yes**	**No**	**Comments**	
Damage to pre-treatment access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?				
Damage to discharge chamber access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?				
Does the MWS unit show signs of structural deterioration (cracks in the wall, damage to frame)?				
Is the inlet/outlet pipe or drain down pipe damaged or otherwise not functioning properly?				
Working Condition:				
Is there evidence of illicit discharge or excessive oil, grease, or other automobile fluids entering and clogging the unit?				
Is there standing water in inappropriate areas after a dry period?				
Is the filter insert (if applicable) at capacity and/or is there an accumulation of debris/trash on the shelf system?				
Does the depth of sediment/trash/debris suggest a blockage of the inflow pipe, bypass or cartridge filter? If yes specify which one in the comments section. Note depth of accumulation in in pre-treatment chamber.				Depth:
Does the cartridge filter media need replacement in pre-treatment chamber and/or discharge chamber?			Chamber:	
Any signs of improper functioning in the discharge chamber? Note issues in comments section.				
Other Inspection Items:				
Is there an accumulation of sediment/trash/debris in the wetland media (if applicable)?				
Is it evident that the plants are alive and healthy (if applicable)? Please note Plant Information below.				
Is there a septic or foul odor coming from inside the system?				

Waste:	**Yes**	**No**
Sediment / Silt / Clay		
Trash / Bags / Bottles		
Green Waste / Leaves / Foliage		

Recommended Maintenance	
No Cleaning Needed	
Schedule Maintenance as Planned	
Needs Immediate Maintenance	

Plant Information	
Damage to Plants	
Plant Replacement	
Plant Trimming	

Additional Notes: ______________________________

2972 San Luis Rey Road, Oceanside, CA 92058 P (760) 433-7640 F (760) 433-3176

Maintenance Report



Modular Wetland System, Inc.
P. 760.433-7640
F. 760-433-3176
E. Info@modularwetlands.com

www.modularwetlands.com

Cleaning and Maintenance Report
Modular Wetlands System

Project Name ____________________

Project Address ____________________
(city) (Zip Code)

Owner / Management Company ____________________

Contact ____________________ Phone ( ) –

Inspector Name ____________________ Date ___/___/_____ Time ________ AM / PM

Type of Inspection ☐ Routine ☐ Follow Up ☐ Complaint ☐ Storm Storm Event in Last 72-hours? ☐ No ☐ Yes

Weather Condition ____________________ Additional Notes ____________________

For Office Use Only
(Reviewed By)
(Date) Office personnel to complete section to the left.

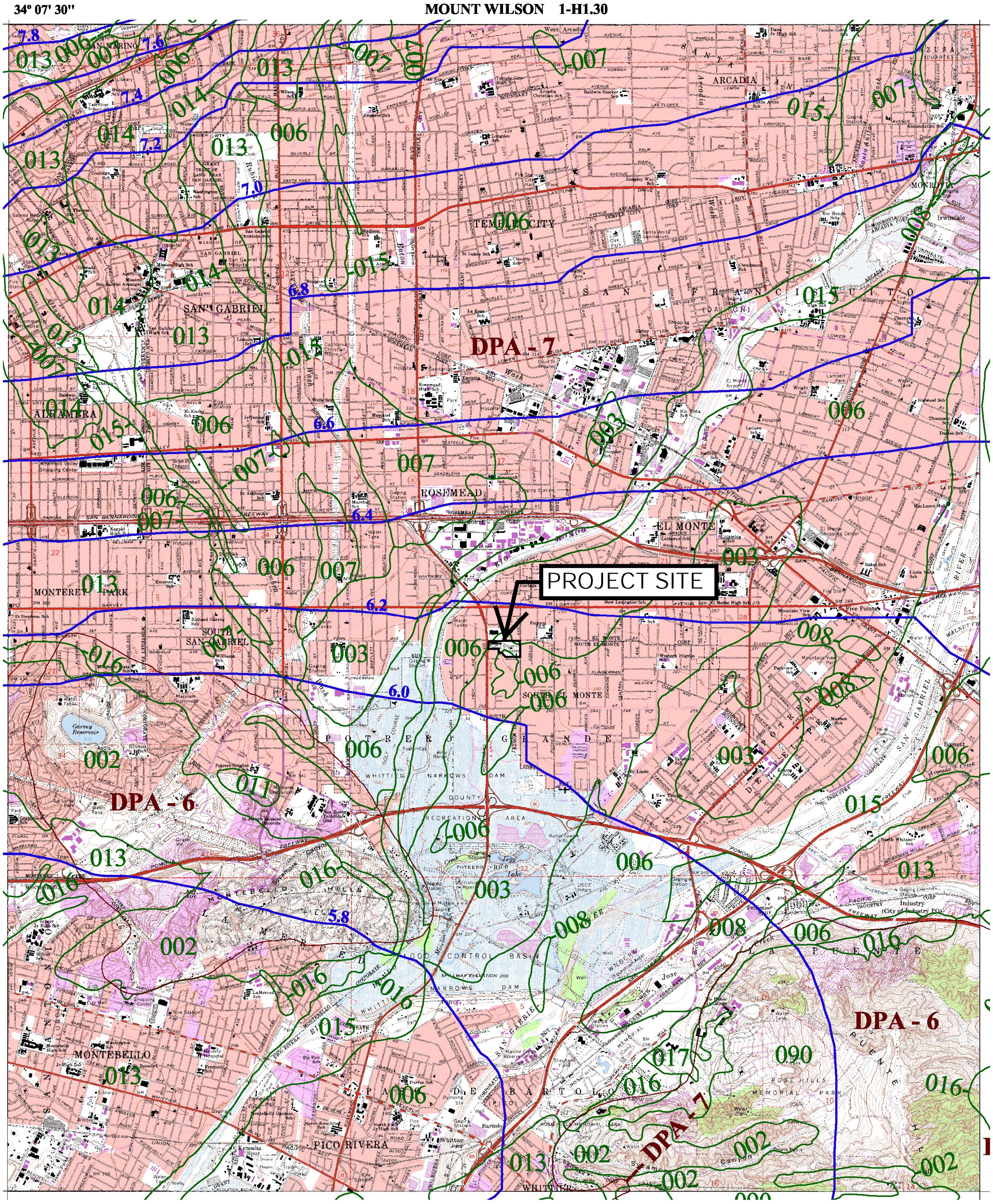
Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation	Foliage Accumulation	Sediment Accumulation	Total Debris Accumulation	Condition of Media 25/50/75/100 (will be changed @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
	Lat: Long:	MWS Catch Basins						
		MWS Sedimentation Basin						
		Media Filter Condition						
		Plant Condition						
		Drain Down Media Condition						
		Discharge Chamber Condition						
		Drain Down Pipe Condition						
		Inlet and Outlet Pipe Condition						

Comments:

2972 San Luis Rey Road, Oceanside, CA 92058 P. 760.433.7640 F. 760.433.3176

Appendix G

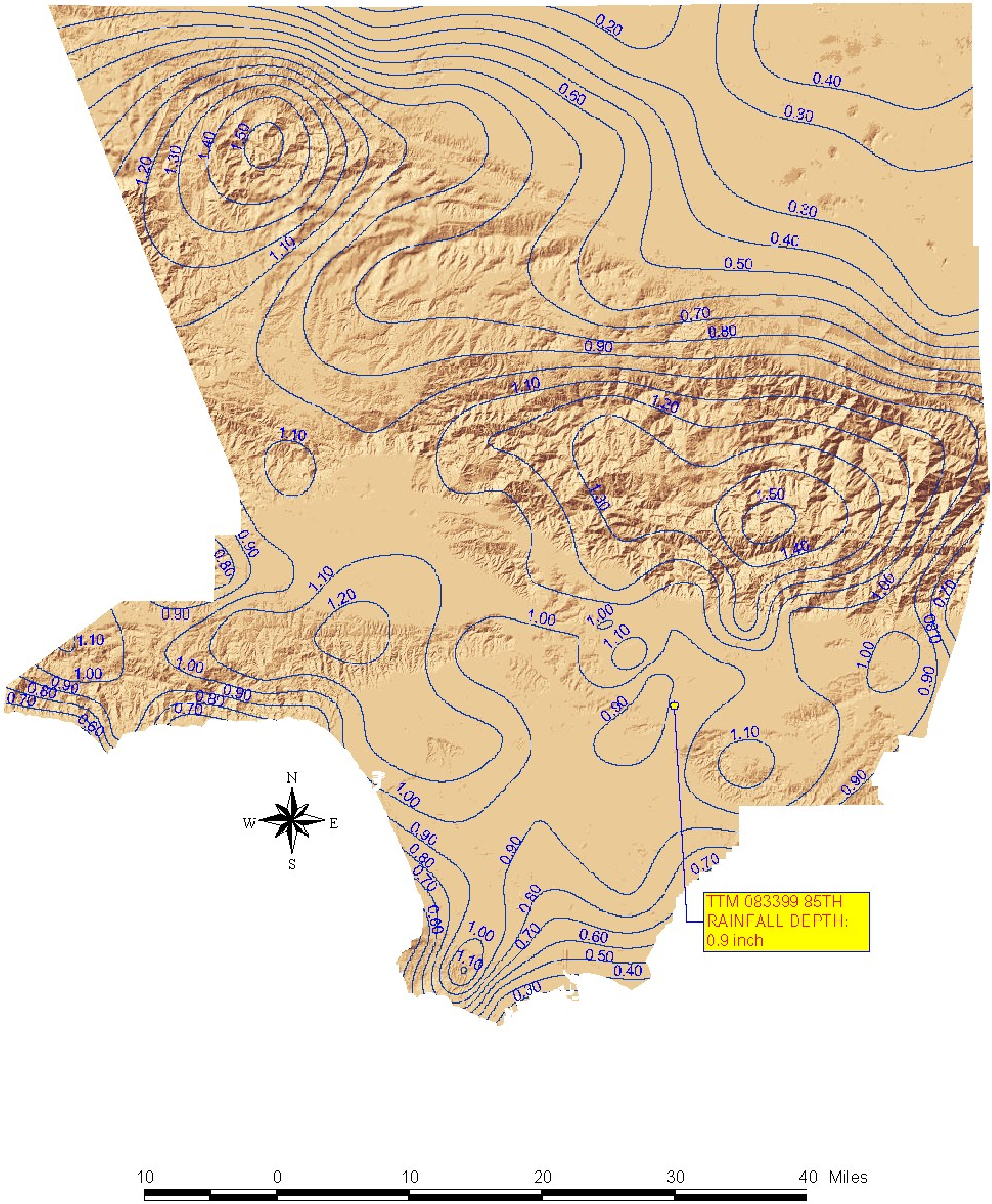
Referenced Material



25-YEAR 24-HOUR ISOHYET REDUCTION FACTOR: 0.878
10-YEAR 24-HOUR ISOHYET REDUCTION FACTOR: 0.714

EL MONTE 50-YEAR 24-HOUR ISOHYET

1-H1.20



85th Percentile 24-hr Rainfall Depth

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole–foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures.** Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 11. The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum.** For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC–3, #9202
1315 East–West Highway
Silver Spring, MD 20910–3282

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713–3242,** or visit its website at http://www.ngs.noaa.gov/.

Base map information shown on this FIRM was derived from U.S. Geological Survey Digital Orthophoto Quadrangles produced at a scale of 1:12,000 from photography dated 1994 or later and from National Geospatial Intelligence Agency imagery produced at a scale of 1:4,000 from photography dated 2003 or later.

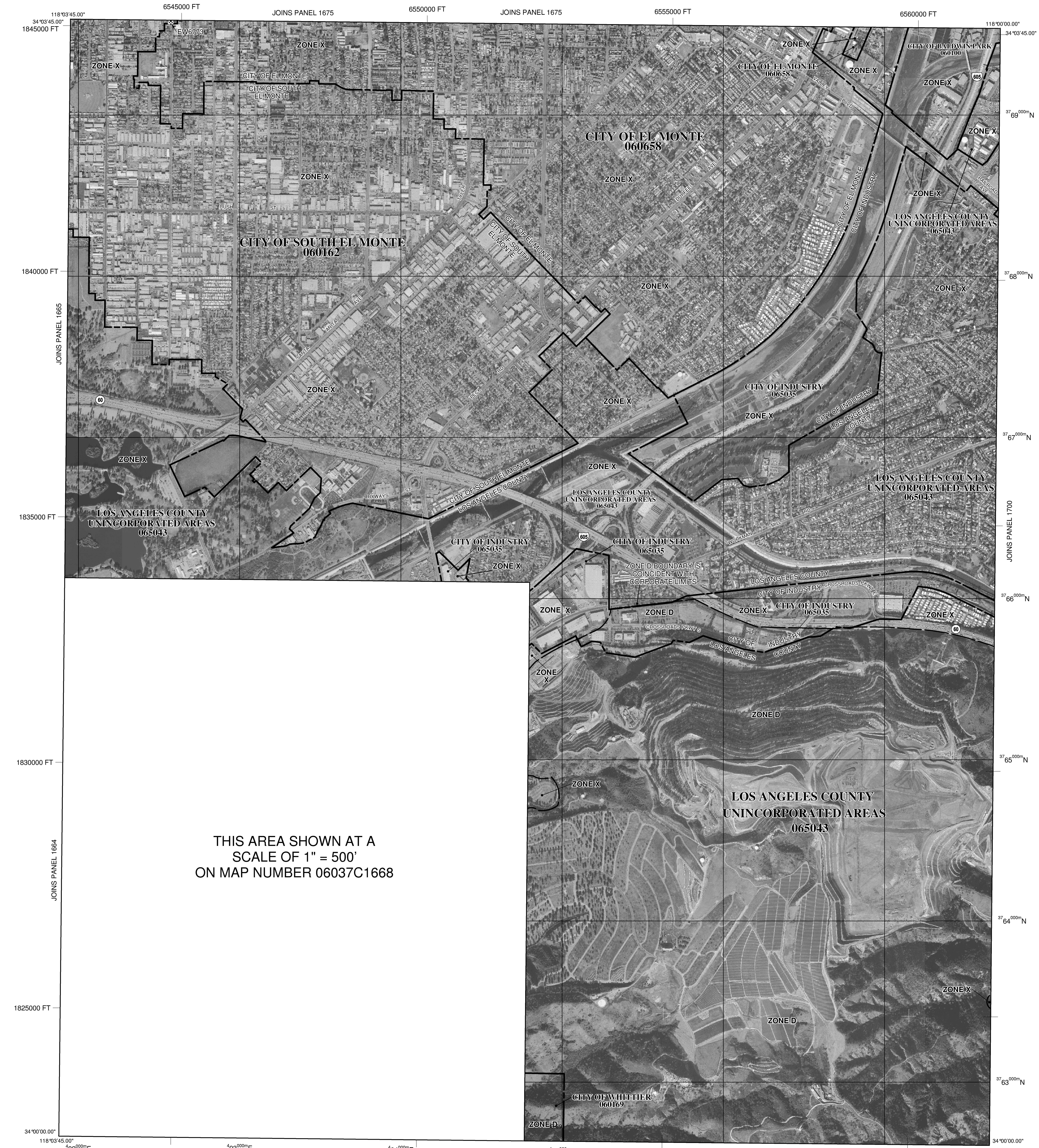
This map reflects more detailed and up–to–date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables *in the Flood Insurance Study report (which contains authoritative hydraulic data*) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de–annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1–800–358–9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, *a Flood Insurance Study report*, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1–800–358–9620 and its website at http://www.msc.fema.gov/.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1–877–FEMA MAP** (1–877–336–2627) or visit the FEMA website at http://www.fema.gov/.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary
0.2% annual chance floodplain boundary
Floodway boundary
Zone D boundary
CBRS and OPA boundary
Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

~~ 513 ~~~~	Base Flood Elevation line and value; elevation in feet*
(EL 987)	Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988 (NAVD 88)

(A)———(A)	Cross section line
(23)- - - - -(23)	Transect line
97°07'30", 32°22'30"	Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
$^{42}75^{000m}$N	1000-meter Universal Transverse Mercator grid values, zone 11
6000000 FT	5000-foot grid ticks: California State Plane coordinate system, V zone (FIPSZONE 0405), Lambert Conformal Conic
DX5510 ×	Bench mark (see explanation in Notes to Users section of this FIRM panel)
• M1.5	River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
September 26, 2008
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1–800–638–6620.

MAP SCALE 1" = 1000'

500 0 1000 2000 FEET
300 0 300 600 METERS

NFIP

PANEL 1670F

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

LOS ANGELES COUNTY, CALIFORNIA
AND INCORPORATED AREAS

PANEL 1670 OF 2350
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

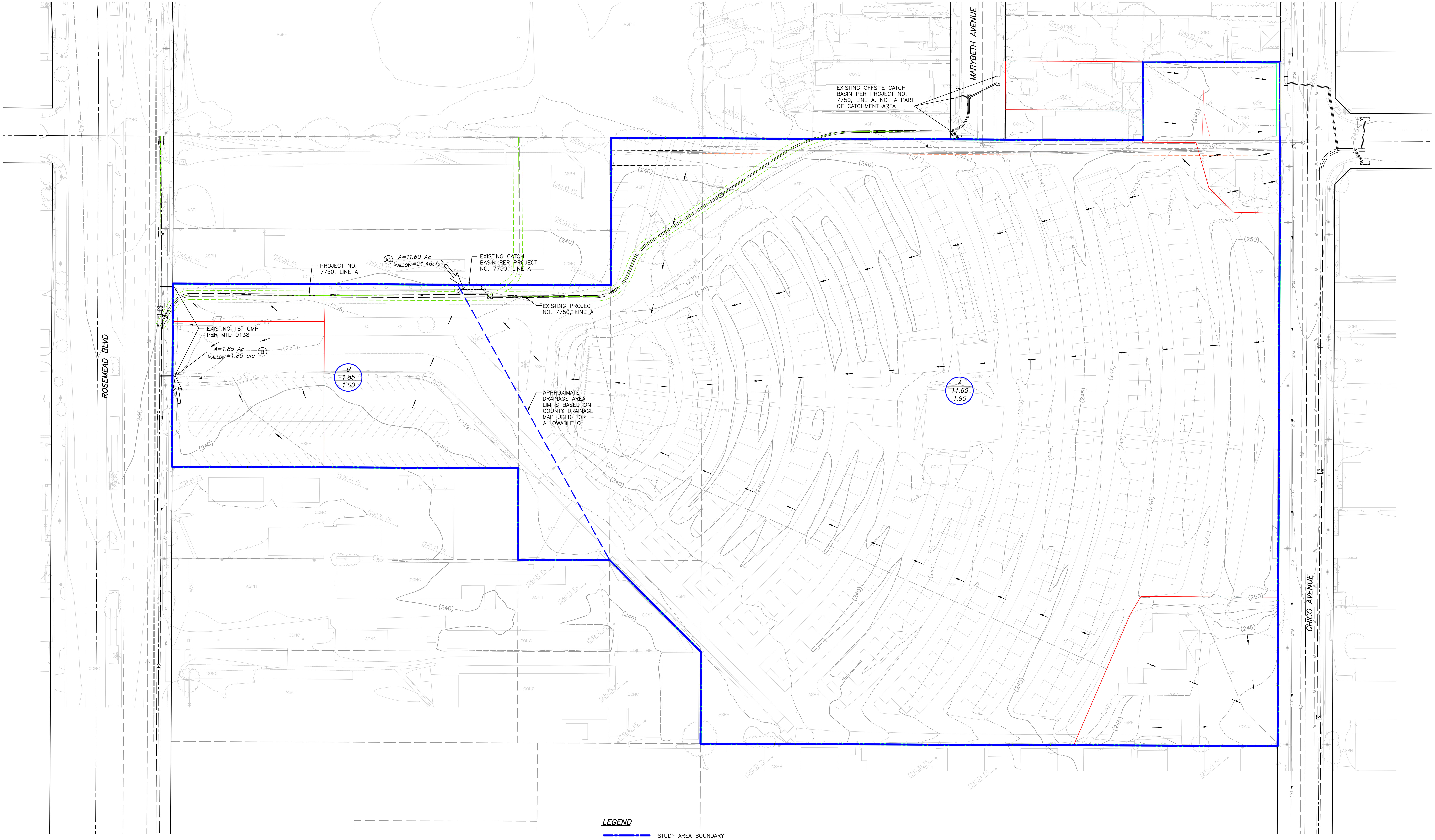
CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
LOS ANGELES COUNTY	065043	1670	F
BALDWIN PARK, CITY OF	060100	1670	F
EL MONTE, CITY OF	060658	1670	F
INDUSTRY, CITY OF	065035	1670	F
SOUTH EL MONTE, CITY OF	060162	1670	F
WHITTIER, CITY OF	060169	1670	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06037C1670F

EFFECTIVE DATE



LEGEND

- STUDY AREA BOUNDARY
- EXISTING SUBAREA BOUNDARY (FROM SURVEY, FOR REFERENCE ONLY)
- EXISTING SUBAREA BOUNDARY (FROM COUNTY DRAINAGE MAP)
  NOTE: COUNTY DRAINAGE MAP DOES NOT PRECISELY MATCH EXISTING CONDITION. HOWEVER, COUNTY AREAS ARE USED FOR DETERMINING ALLOWABLE DISCHARGE Q.
- UNDERGROUND STORM DRAIN PIPE
- EXISTING SURFACE FLOW DIRECTION
- EXISTING PIPE FLOW DIRECTION
- (A) SUBAREA CONCENTRATION POINT (COUNTY DRAINAGE MAP)
- POINT OF CONCENTRATION

A — EX SUBAREA ID
11.60 — EX SUBAREA AREA (AC) (FROM COUNTY DRAINAGE MAP)
1.90 — ALLOWABLE FLOW FACTOR (CFS/AC)

GRAPHIC SCALE 1"= 40'
0 40 80 120 160

This figure is a supplement to this report. It is not, nor is it intended to be, self-explanatory. Any data appearing on this map are taken from the text of this report. In the event of disagreement, the report text should be taken as correct.

FORMA ENGINEERING INC.
400 San Fernando Mission Boulevard, Suite 200
San Fernando, California 91340
Phone: (818) 832-1710 • Fax: (818) 832-1740

PREPARED UNDER THE SUPERVISION OF:

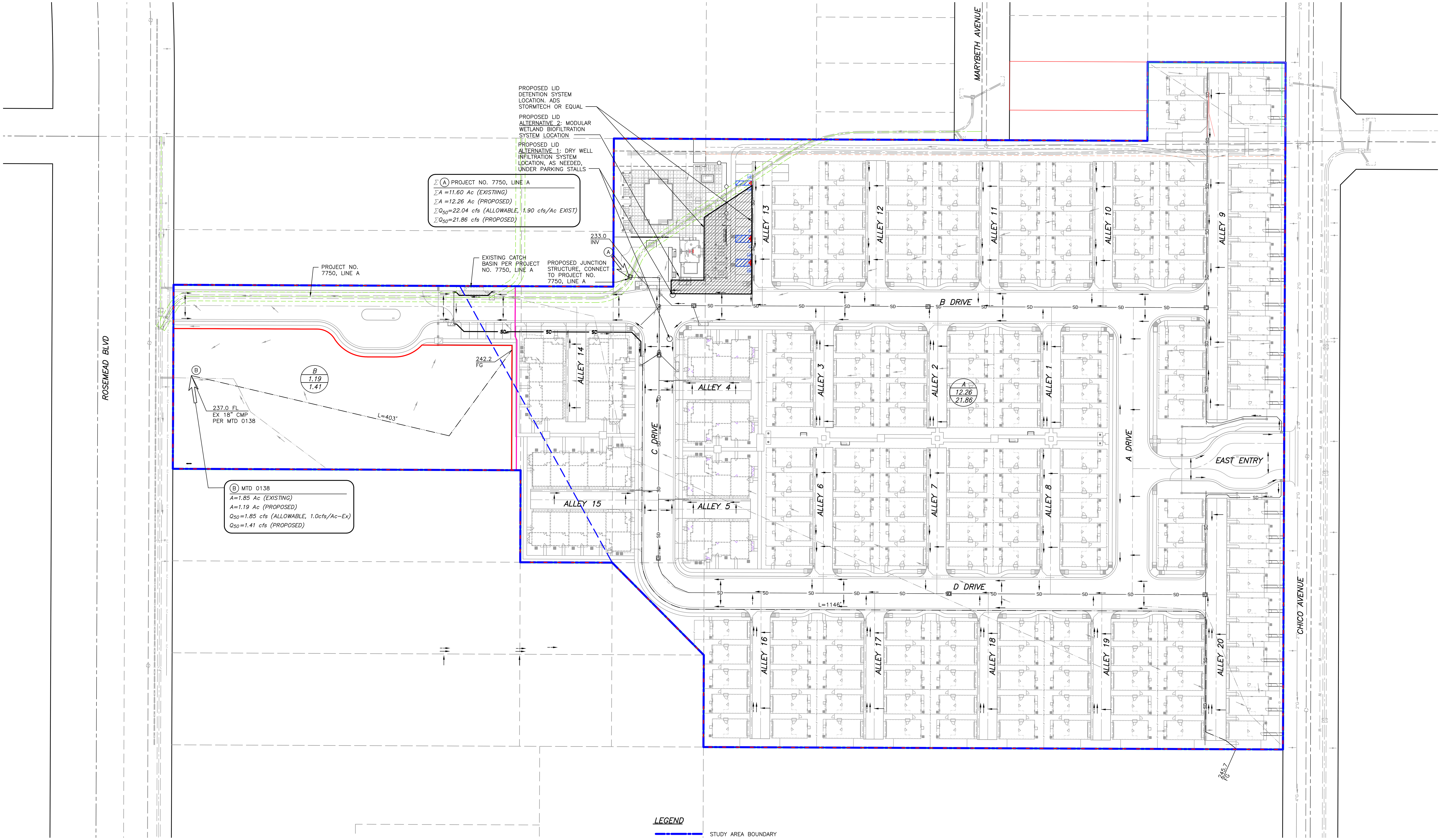
ARET BINATLI, P.E. R.C.E. 64448 DATE

Drawing Title:
Figure 2
SOUTH EL MONTE EXISTING HYDROLOGY MAP

Prepared for:
KB HOME
25152 SPRINGFIELD CT, STE 250
VALENCIA, CA 91355
(661) 219-6843

Work Order	20109
Date:	3/01/2021
Scale:	1"= 40'
Designed:	JT
Drawn:	JT
Checked:	AB
Sheet 1 of	1 Sheets

Drawing Name: L:\20109\Eng\Final Plots\Hydrology\02_20109J.dwg
Last Opened: Mar 01, 2021 - 11:05am by Joel



LEGEND

- STUDY AREA BOUNDARY
- PROPOSED SUBAREA BOUNDARY
- PROPOSED FLOW PATH
- SD — UNDERGROUND STORM DRAIN PIPE
- PROPOSED PERVIOUS AREA
- L=605' — FLOW LENGTH
- PROPOSED SURFACE FLOW DIRECTION
- PROPOSED PIPE FLOW DIRECTION
- EXISTING SURFACE FLOW DIRECTION
- EXISTING PIPE FLOW DIRECTION
- (A) SUBAREA CONCENTRATION POINT
- POINT OF CONCENTRATION

PROPOSED DRAINAGE SUBAREA:

- A — SUBAREA ID
- 12.26 — SUBAREA AREA (AC)
- 21.86 — SUBAREA Q50 (CFS)

GRAPHIC SCALE 1"= 40' (0, 40, 80, 120, 160)

This figure is a supplement to this report. It is not, nor is it intended to be, self-explanatory. Any data appearing on this map are taken from the text of this report. In the event of disagreement, the report text should be taken as correct.

FORMA ENGINEERING INC.
400 San Fernando Mission Boulevard, Suite 200
San Fernando, California 91340
Phone: (818) 832-1710 • Fax: (818) 832-1740

PREPARED UNDER THE SUPERVISION OF:

ARET BINATLI, P.E. R.C.E. 64448 DATE

Drawing Title:
Figure 3
SOUTH EL MONTE PROPOSED HYDROLOGY MAP

Prepared for:
KB HOME
25152 SPRINGFIELD CT, STE 250
VALENCIA, CA 91355
(661) 219-6843

Work Order	20109
Date:	3/01/2021
Scale:	1"= 40'
Designed:	JT
Drawn:	JT
Checked:	AB
Sheet 1 of	1 Sheets

Drawing Name: L:\20109\Eng\Final Plots\Hydrology\03_20109J.dwg
Last Opened: Mar 01, 2021 - 11:04am by Joel

RMA GeoScience
Every Project Matters | www.rmacompanies.com

August 5, 2020 RMA Project Number 20G-0418-0

KB Home
25152 Springfield Ct., Suite 180
Valencia, CA 91355

Attention: Mr. David Lelie

Subject: Geotechnical Investigation
Solemo 13 Acres
2540 Rosemead Boulevard
South El Monte, CA

Dear Mr. Lelie:

In accordance with your request, a geotechnical investigation has been completed for the proposed development at the above referenced property. The results of the investigation are presented in the accompanying report, which includes a description of site conditions, results of our field exploration and testing, laboratory testing, conclusions, and recommendations. This report has been prepared for specific application to this project, in accordance with generally accepted geotechnical engineering practice.

We appreciate this opportunity to be of service to you. If you have any questions regarding this report, please do not hesitate to contact us at your convenience.

Respectfully submitted,

RMA GeoScience

REGISTERED PROFESSIONAL ENGINEER
HAIYAN HARRY LIU
C81463
Exp. 9/30/2021
CIVIL
STATE OF CALIFORNIA

Haiyan Liu, PE
Project Engineer
C81463

PROFESSIONAL GEOLOGIST
MARK A. SWIATEK
No. 1781
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

Mark Swiatek
President

Distribution: (1) Addressee

RMA GeoScience
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GEOTECHNICAL INVESTIGATION
SOLEMO 13 ACRES
2540 ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA

For

KB Home
25152 Springfield Ct., Suite 180
Valencia, CA 91355

August 5, 2020 Project

No. 20G-0418-0

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Table of Contents

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PLATES

APPENDICES

1.00 INTRODUCTION

1.01 Purpose

The purpose of the investigation was to summarize geotechnical and geologic conditions at the site and to assess their potential impact on the proposed development.

1.02 Scope of the Investigation

The general scope of this geotechnical investigation included the following:

- Review of published and unpublished geologic, seismic, groundwater, and geotechnical literature
- Examination of aerial photographs and topographic maps
- Review of State of California Alquist-Priolo Earthquake Fault Zone and Seismic Hazard maps
- Contacting of Underground Service Alert (USA) to locate onsite utility lines
- Logging, sampling, and backfilling of seven (7) hollow stem auger boring (9 inches diameter) to maximum depths of 50 feet and logging of nine (9) test pits dug with a backhoe to a maximum depth of 17 feet
- Laboratory testing of representative soil samples
- Geotechnical evaluation of the compiled data
- provide a preliminary or narrow range estimate of the expected infiltration rate
- Preparation of this report presenting our findings, conclusions, and recommendations

Our scope of work did not include a preliminary site assessment for the potential of hazardous materials onsite.

1.03 Site Location and Description

The KB Home site is located at Rosemead Boulevard, in El Monte, California within a residential and commercial area. The 17 acre plus property includes Assessor Parcel Numbers 8102-037-020, 8102-037-021, 8102-037-001, 8102-035-017, 8102-029-025, 8102-029-007, 8102-029-006, 8102-029-005, 8102-029-026, 8102-029-019, & 8102-029-020. The site currently serves as a swap meet and drive in theatre. The site is bounded on the south by commercial buildings, on the north by commercial and residential buildings, on the east by Chico Avenue and on the west by Rosemead Boulevard (Site Vicinity Map, Figure 1). There is approximately 12 feet of relief across the site which gently slopes from east to west towards Rosemead Boulevard. The ground surface has been modified by past grading activities. Structures on the site consist of several drive-in associated buildings including two concession stands and a maintenance building. Paved parking areas surround much of the buildings.

The site coordinates are 34.0583 North and -118.0614 West. .

1.04 Site History

Based on review of aerial photographs and other information readily available online the site appears to have

been a mix of vacant land and agricultural land from as far back as 1927 up until the 1950s when the site was paved over and developed for its present day use.

1.05 Planned Development

Formal plans for this site have not been drafted but it is presumed that the site will be developed for residential use.

1.06 Investigation Methods

Our investigation consisted of office research, field exploration, laboratory testing, review and analysis of the compiled data, and preparation of this report. It has been performed in a manner consistent with generally accepted engineering and geologic principles and practices, and has incorporated applicable requirements of California Buildings Code. Definitions of technical terms and symbols used in this report include those of the ASTM International, the California Building Code, and commonly used geologic nomenclature.

Technical supporting data are presented in the attached appendices. Appendix A presents a description of the methods and equipment used in performing the field exploration and logs of our subsurface exploration. Appendix B presents a description of our laboratory testing and the test results. General Earthwork and Grading Specifications are presented in Appendix C. Appendix D presents our engineering analysis. References are presented in Appendix E.

2.00 FINDINGS

2.01 Geologic Setting

The site lies at the southeastern end of the San Gabriel Valley the southern boundary of which is marked by the Puente and Montebello Hills. The valley is an east-west trending structural basin that has accumulated a thick sequence of Holocene- to Pleistocene-age alluvial sediments. The site is situated on a broad alluvial fan emanating from the San Gabriel Mountains to the north. The fan in the area of the site has been dissected by the ancestral San Gabriel Wash to the east and the Rio Hondo Wash at the west.

The earth materials that underlie the site consist of interbedded silt, clay and sand and gravel. Asphalt paving covers most of the site. A full description of the earth materials encountered within each borehole is included on the boring logs, Appendix A.

2.02 Earth Materials

Asphalt and Base

Asphalt and base conditions varied widely across all seven borings and ten test pits. Asphalt paving of up to 2 inches thick overlying up to 2 inches thick base where encountered. In several test pits, two generations of asphalt and concrete where discovered.

Artificial Fill (af)

Artificial fill is at a maximum of 5 feet thick as observed in the boring excavations and is composed of moderate orange brown fine silty sand with clay. It is slightly micaceous, slightly moist and medium dense.

Alluvium Deposits (Q_a)

Quaternary aged alluvial deposits are underlying artificial fill material. This unit consists of light orange brown to whitish grey, interbedded silty sand, sand, clayey sand and clay with sand. The sand was micaceous and ranged from course to fine. The sandy units were in a medium dense to dense condition. The soils were slightly moist with moist conditions occurring in the sand layers at the contact with the finer grained materials. Layers of course to fine gravels were encountered in some samples generally below 17 feet.

2.03 Expansive Soils

Based on our preliminary observations and laboratory data, the soils at shallow depths are expected to have an expansion index in the very low range. Additional expansion index and plasticity index testing will be required at the completion of rough grading to verify the properties of the near surface soils.

2.04 Surface and Groundwater Conditions

Groundwater was not encountered in the boring excavated to a maximum depth of 50 feet. Surface water on the site is limited to precipitation falling directly around the buildings on the site. Depth to groundwater in a monitoring well (Well ID: 2944F) located approximately 0.3 miles to the southeast of the site as measured in May 2020 was 47.68 feet. There was no surface water encountered at the time of our investigation. Depth to historic high groundwater is approximately 5 feet below existing grade according to the Seismic Hazard Zone Report for the El Monte Quadrangle (CDMG, 1998).

2.05 Faults

The proposed site is not located within an Alquist-Priolo Earthquake Fault Zone, and there are no known active faults on or immediately adjacent to the property. However, there are faults in close enough proximity to the site to cause moderate to intense ground shaking during the lifetime of the proposed development. Additionally, the site has experienced earthquake-induced ground shaking in the past and can be expected to experience further shaking in the future. The closest zoned fault is the East Montebello fault zone, located approximately 1.35 miles to the southwest of the subject site.

2.06 Landslides

According to the California Geological Survey Seismic Hazard Zones Map of the El Monte Quadrangle (2017) the site does not lie in a landslide hazard zone. Since the site is relatively flat earthquake-induced landsliding does not appear to be a hazard to proposed development.

2.07 Liquefaction

According to the State of California Seismic Hazard Zones Map of the El Monte Quadrangle, the site lies within a "Zone of Required Investigation for Liquefaction". Therefore, a liquefaction screening evaluation has been performed in accordance with California Geological Survey Special Publication SP-117A (2008), "Guidelines for Evaluating and Mitigating Seismic Hazards in California". The findings of our liquefaction screening evaluation are presented in section 3.04 of this report.

2.08 Historic Seismicity

The region of the subject site has experienced shaking from several earthquakes recorded back to 1812. The nearest large historic earthquake is the Raymond fault that occurred in 1855, the epicenter of which is 3.6 miles from the site. Historic earthquakes with magnitudes of greater than or equal to 6.0 and have been epicentered within approximately 50 miles of the site, are summarized in the table below.

Large Historic Earthquakes

Event	LAT. NORTH	LONG. WEST	DATE	Quake Mag.	APPROX. DISTANCE mi
Raymond	34.100	118.100	7/11/1855	6.3	3.60
Northridge	34.2130	118.5370	01/17/1994	6.7	29.2
Long Beach	33.6170	117.967	3/11/1933	6.3	30.9
	34.4110	118.4010	02/09/1971	6.4	31.1
	34.3	117.6	07/30/1894	6.0	31.2
Wrightwood	34.3	117.65	12/08/1812	7.0	31.9
	34.0	117.5	12/16/1858	7.0	32.4
	34.3	118.6	04/04/1893	6.0	35.0
	34.3	117.50	07/22/1899	6.50	36.1
	33.7	117.4	05/15/1910	6.0	45.3
	34.0	117.25	07/23/1923	6.25	46.6

3.00 CONCLUSIONS AND RECOMMENDATIONS

3.01 General Conclusion

Based on the data collected thus far the project appears feasible from a geotechnical standpoint. Our preliminary recommendations provided below are based on the data collected thus far and our understanding of the project and our general experience in engineering geology and geotechnical engineering.

3.02 Seismic Design Parameters

Mapped Spectral Accelerations were obtained by using the online ATC Calculator (ASCE 7-16 Standard) and a site class D-default was used for the project site. Since the mapped risk-targeted maximum considered earth quake (MCE_R) spectral response acceleration parameter at a period of 1 second (S_1) is greater than 0.2, a ground

motion hazard analysis is required per ACSE/SEI 7-16 to be performed in accordance with Section 21.2 for structures on Site Class D. However, instead of performing the ground motion hazard analysis, a long period coefficient (F_V) of 1.7 was used for calculation of S_{M1} and S_{D1}. The parameters generated for the subject site are presented in the following table:

2019 California Building Code (CBC) Seismic Parameters

Parameter	Value
Site Location	Latitude = 34.0583 degrees Longitude = -118.0614 degrees
Site Class	Site Class = D-default
Mapped Spectral Accelerations	S_s (0.2- second period) = 1.902g S_1 (1-second period) = 0.685g
Site Coefficients (Site Class D-default)	F_a = 1.2 F_v = 1.7
Maximum Considered Earthquake Spectral Accelerations (Site Class D-default)	S_{MS} (0.2- second period) = 2.283g S_{M1} (1-second period) = 1.165g
Design Earthquake Spectral Accelerations (Site Class D-default)	S_{DS} (0.2- second period) = 1.522g S_{D1} (1-second period) = 0.776g

For Risk Category II structures with mapped spectral response acceleration parameter at 1-s period (S_1) is less than 0.75, the Seismic Design Category is D (ASCE 7-16 Section 11.6).

Peak earthquake ground acceleration adjusted for site class effects (PGAM) has been determined in accordance with ASCE 7-10 Section 11.8.3 as follows: $PGA_M = F_{PGA}$ x PGA = 1.2 x 0.82g = 0.984g.

3.03 Liquefaction and Secondary Earthquake Hazards

Potential secondary seismic hazards that can affect land development projects include liquefaction, tsunamis, seiches, seismically induced settlement, seismically induced flooding and seismically induced landsliding.

Liquefaction

Liquefaction hazard potential for the site is discussed in Section 2.07 and Section 3.04 of this report.

Tsunamis and Seiches

Tsunamis are sea waves that are generated in response to large-magnitude earthquakes. When these waves reach shorelines, they sometimes produce coastal flooding. Seiches are the oscillation of large bodies of standing water, such as lakes, that can occur in response to ground shaking. Tsunamis and seiches do not pose hazards due to the inland location of the site and lack of nearby bodies of standing water.

Seismically Induced Settlement

Seismically induced settlement occurs most frequently in areas underlain by loose, granular sediments. Damage as a result of seismically induced settlement is most dramatic when differential settlement occurs in areas with large

variations in the thickness of underlying sediments. Settlement caused by ground shaking is often non-uniformly distributed, which can result in differential settlement.

A seismic settlement analysis was performed using LiquefyPro Version 5 (2015 Edition) for this project. A summary of the input data and the results of the seismic settlement analysis are provided in Appendix D.

Seismically Induced Flooding

According to Federal Emergency Management Agency (Flood Insurance Rate Map #06037C1670F and #06037C1665F, Effective date 9/26/2008), the site is located in an area of Flood Zone X, which is an area where the likelihood of flood hazards is considered minimal. In addition there are no water reservoirs in the vicinity of the site. Based on the aforementioned the potential for seismic induced flooding is unlikely.

Seismically Induced Landsliding

According to the California Geological Survey Seismic Hazard Zones Map of the El Monte Quadrangle (2017) the site does not lie in a landslide hazard zone. Since the site is relatively flat earthquake-induced landsliding does not appear to be a hazard to proposed development.

3.04 Liquefaction Screening Evaluation Results

Liquefaction describes a phenomenon where cyclic stresses, which are produced by earthquake-induced ground motions, create excess pore pressures in cohesionless soils. As a result, the soils may acquire a high degree of mobility, which can lead to lateral spreading, consolidation and settlement of loose sediments, ground oscillation, flow failure, loss of bearing strength, ground fissuring, sand boils, and other damaging deformations. This phenomenon occurs only below the water table, but after liquefaction has developed, it can propagate upward into overlying, non-saturated soil as excess pore water escapes. Descriptions of each of the phenomena associated with liquefaction are described below:

Research has shown that saturated, loose sands with a silt content less than about 25 percent are most susceptible to liquefaction, whereas other soil types are generally considered to have a low susceptibility. According to the California Geological Survey (CGS) Special Publication SP-117A (2008), "Guidelines for Evaluating and Mitigating Seismic Hazards in California," any materials with a PI > 12 and moisture content < 85% of the liquid limit were considered not subject to liquefaction. Liquefaction susceptibility is related to numerous factors, and the following conditions must exist for liquefaction to occur:

- Sediments must be relatively young in age and must not have developed large amounts of cementation
- Sediments must consist mainly of cohesionless sands and silts
- The sediment must not have a high relative density
- Free groundwater must exist in the sediment; and
- The site must be exposed to seismic events of a magnitude large enough to induce straining of soil particles

Static groundwater was not encountered in either borings drilled to a maximum depth of 50 feet. However, according to the California Division of Mines and Geology Seismic Hazard Zone Report for the El Monte Quadrangle (CDMG, 1998), the historical high groundwater table is approximately 5 feet below grade. Therefore, RMA

GeoScience considered the potential for groundwater to be at this depth below existing grade in the liquefaction screening evaluation.

For the PGA corresponding to two-thirds of the PGA_M and predominant earthquake magnitude corresponding to a 10% probability of exceedance in 50 years, potential seismic-induced settlements were determined when the safety factor was less than 1.1. Calculations of liquefaction potential, presented in Appendix D, indicate that there are discrete layers of sandy alluvial soils that will be susceptible to liquefaction during a design-level earthquake. The seismic settlement from Boring B-3 and B-6 are 2.47 inches and 3.23 inches, respectively.

3.05 Total and Differential Settlement

The above seismically induced settlements should be combined with the anticipated total static settlement in order to obtain an estimate of the amount of differential settlement that may affect the site. The maximum total static settlement is not expected to exceed ½ inch under the recommended bearing pressure.

We assume the seismic differential settlement is half of the total seismic settlement and static differential settlement is half of the total static settlement. Thus, total settlement (static and seismic) is expected to be less than 3.73 inches with differential settlement (static and seismic) of less than 1.87 inches in a 40 feet span.

3.06 Removals and Overexcavation

Upon demolition and removal of all existing site improvements, all vegetation, organic rich soil (soils containing more that 2 percent organics by weight), trash and debris should be cleared from the grading area and removed from the site. After the removal of deleterious materials, stripping of organic-rich soils, and removal of tree roots, the following removals and over-excavation must be done within the area of the limits of grading:

- All artificial fill soil should be removed within the limits of grading. The fill soil may be used for engineered fill provided it is free of trash and organic material. Within the building areas, removals are recommended to a minimum of five feet below existing grade or three feet below the bottom of planned footings, whichever is greater.
- Within the area of planned streets and all other areas where grading is planned, all artificial fill must be completely removed and the subgrade must be over-excavated at least 12 inches below the stripped surface or the finished subgrade surface, whichever is lower.

Following the over-excavation indicated above, a designated representative for the Project Geotechnical Engineer must review the exposed ground surface and determine if any additional over-excavation is required. The over-excavated ground surface in all areas determined to be satisfactory for the support of fills must be scarified to a minimum depth of 6 inches. Scarification should continue until the soils are broken down and free from lumps or clods and until the scarified zone is uniform. The moisture content of the scarified zone shall be adjusted to within 2% of the optimum moisture content. The scarified zone must then be uniformly compacted to at least 90% relative compaction

The above recommendations are based on the assumption that soils encountered during field exploration are representative of soils throughout the site. However, there can be unforeseen and unanticipated variations in soils between points of subsurface exploration. Hence, overexcavation depths must be verified, and adjusted if necessary, at the time of grading.

3.07 General Earthwork and Grading

All grading should be performed in accordance with the General Earthwork and Grading Specifications outlined in Appendix C, unless specifically revised or amended below. Recommendations contained in Appendix C are general specifications for typical grading projects and may not be entirely applicable to this project.

It is also recommended that all earthwork and grading be performed in accordance with the requirements of the lead agency.

3.08 Earthwork Shrinkage and Subsidence

The site is not located within a zone of land subsidence according to the United States Geological Survey California Water Science Center website. It is our opinion that the potential for land subsidence due to over pumping of groundwater or oil extraction is low.

Shrinkage is the decrease in volume of soil upon removal and recompaction expressed as a percentage of the original in-place volume. Subsidence occurs as natural ground is densified to receive fill. These factors account for changes in earth volumes that will occur during grading. Our estimates are as follows:

- Shrinkage factor = 5% to 15% for soil removed and replaced as compacted fill.
- Subsidence factor = 0.1 foot.

The degree to which fill soils are compacted and variations in the in-situ density of existing soils will influence earth volume changes. Consequently, some adjustments in grades near the completion of grading could be required to balance the earthwork.

3.09 Foundation

The expansion index results of the on-site soils had very low expansion potential. However, considering the total and differential settlements from static and seismic conditions, the site may be considered suitable for the support of the anticipated structures using mat foundation systems.

If mat foundations were used to support the proposed structures, an allowable soil bearing pressure of 3,000 psf are recommended under the proposed mat foundations. The total combined settlement (seismic plus static settlements) is 3.73 inches and the total combined differential settlement (seismic plus static) is 1.87 inches. The modulus of subgrade reaction shall be calculated as follows:

$$K = K_1 \left(\frac{B+1}{2B}\right)^2$$

Where k_1 = 150 pci, coefficient of subgrade reaction of foundations measuring 1 ft by 1 ft.

B = foundation width in ft.

A foundation design engineer experienced in the field of mat foundation design should undertake the design of the foundations. The designer should provide estimates of the anticipated deflection of the mat to the design architect and structural engineer for use in the design of the structure. If the anticipated design deflection exceeds that which the design architect and or structural engineer can accommodate then the slab should be re-designed by the

slab designer to reduce the total deflection.

3.10 Retaining Wall Foundations

Footings for retaining walls should be founded supported on 3 feet of compacted fill with a minimum depth of 12 inches and have a minimum width of 12 inches. Footings may be designed using the allowable bearing capacity of 1,500 psf and the same lateral resistance values recommended for building footings. However, when calculating passive resistance, the upper 6 inches of the footings should be ignored in areas where the footings will not be covered with concrete flatwork.

In view of the seismic setting, a nominal reinforcement consisting of at least two #4 bar placed within 3 inches of the top of footings and another two placed within 3 inches of the bottom of footings is recommended. Reinforcement of wide footings should be determined by the structural engineer who may also require heavier reinforcement.

3.11 Slab-On-Grade

Concrete floor slabs on grade with a minimum thickness of 4 inches are recommended for slabs on grade for the proposed structures for normal floor loading conditions. However, if heavy concentrated or moving loads are anticipated, slabs should be designed using a modulus of subgrade reaction (k) of 150 psi/in when soils are prepared in conformance with the grading recommendations contained within the report. Reinforcement of slabs on grading is not required to mitigate the expansive soils. Reinforcement may be specified by the structural engineer.

Concrete floor slabs on grade should be divided into squares or rectangles using weakened plane joints (contraction joints), each with maximum dimensions not exceeding 15 feet. Contraction joints should be made in accordance with American Concrete Institute (ACI) guidelines. If weakened plane joints are not used, then the slabs shall be reinforced with 6x6-10/10 welded wire fabric placed at mid-height of the slab.

Special care should be taken on floors slabs to be covered with thin-set tile or other inflexible coverings. These areas may be reinforced with 6x6-10/10 welded wire fabric placed at mid-height of the slab, to mitigate drying shrinkage cracks. Alternatively, inflexible flooring may be installed with unbonded fabric or liners to prevent reflection of slab cracks through the flooring.

A moisture vapor retarder/barrier is recommended beneath all slabs-on-grade that will be covered by moisture-sensitive flooring materials such as vinyl, linoleum, wood, carpet, rubber, rubber-backed carpet, tile, impermeable floor coatings, adhesives, or where moisture-sensitive equipment, products, or environments will exist. We recommend that design and construction of the vapor retarder or barrier conform to Section 1805 of the 2019 California Building Code (CBC) and pertinent sections of American Concrete Institute (ACI) guidance documents 302.1R-04, 302.2R-06 and 360R-10.

The moisture vapor retarder/barrier should consist of a minimum 10 mils thick polyethylene with a maximum perm rating of 0.3 in accordance with ASTM E 1745. Seams in the moisture vapor retarder/barrier should be overlapped no less than 6 inches or in accordance with the manufacturer's recommendations. Joints and penetrations should be sealed with the manufacturer's recommended adhesives, pressure-sensitive tape, or both. The contractor must avoid damaging or puncturing the vapor retarder/barrier and repair any punctures with additional polyethylene properly lapped and sealed.

ACI guidelines allow for the placement of moisture vapor retarder/barriers either directly beneath floor slabs or

below an intermediate granular soil layer.

Placing the moisture retarder/barrier directly beneath the floor slab will provide improved curing of the slab bottom and will eliminate potential problems caused by water being trapped in a granular fill layer. Concrete slabs poured directly on a vapor retarder/barrier can experience shrinkage cracking and curling due to differential rates of curing through the thickness of the slab. Therefore, for concrete placed directly on the vapor retarded, we recommend a maximum water cement ratio of 0.45 and the use of water-reducing admixtures to increase workability and decrease bleeding.

If granular soil is placed over the vapor retarder/barrier, we recommend that the layer be at least 2 inches thick in accordance with traditional practice in southern California. Granular fill should consist of clean fine graded materials with 10 to 30% passing the No. 100 sieve and free from clay or silt. The granular layer should be uniformly compacted and trimmed to provide the full design thickness of the proposed slab. The granular fill layer should not be left exposed to rain or other sources of water such as wet-grinding, power washing, pipe leaks or other processes, and should be dry at the time of concrete placement. Granular fill layers that become saturated should be removed and replaced prior to concrete placement.

An additional layer of sand may be placed beneath the vapor retarder/barrier at the developer's discretion to minimize the potential of the retarder/barrier being punctured by underlying soils.

3.12 Miscellaneous Concrete Flatwork

Miscellaneous concrete flatwork and walkways may be designed with a minimum thickness of 4 inches. Large slabs should be reinforced with a minimum of 6x6-10/10 welded wire mesh placed at mid-height in the slab. Control joints should be constructed to create squares or rectangles with a maximum spacing of 15 feet.

Walkways may be constructed without reinforcement. Walkways should be separated from foundations with a thick expansion joint filler. Control joints should be constructed into non-reinforced walkways at a maximum of 5 feet spacing.
The subgrade soils beneath all miscellaneous concrete flatwork should be compacted to a minimum of 95 percent relative compaction for a minimum depth of 12 inches. The geotechnical engineer should monitor the compaction of the subgrade soils and perform testing to verify that proper compaction has been obtained.

3.13 Footing Excavation and Slab Preparation

All footing excavations should be observed by the geotechnical consultant to verify that they have been excavated into competent soils. The foundation excavations should be observed prior to the placement of forms, reinforcement steel, or concrete. These excavations should be evenly trimmed and level. Prior to concrete placement, any loose or soft soils should be removed. Excavated soils should not be placed on slab or footing areas unless properly compacted.

Prior to the placement of the moisture barrier and sand, the subgrade soils underlying the slab should be observed by the geotechnical consultant to verify that all under-slab utility trenches have been properly backfilled and compacted, that no loose or soft soils are present, and that the slab subgrade has been properly compacted to a minimum of 95 percent relative compaction within the upper 12 inches.

Footings may experience and overall loss in bearing capacity or an increased potential to settle where located in

close proximity to existing or future utility trenches. Furthermore, stresses imposed by the footings on the utility lines may cause cracking, collapse and/or a loss of serviceability. To reduce this risk, footings should extend below a 1:1 plane projected upward from the closest bottom of the trench.

Subgrade soils beneath slabs on grade and walkways moist prior to the placement of concrete. The geotechnical consultant should verify that the appropriate moisture content has been achieved a maximum of 24 hours prior to the placement of concrete or moisture barriers.

3.14 Lateral Load Resistance

Lateral loads may be resisted by soil friction and the passive resistance of the soil. The following parameters are recommended.

- Passive Earth Pressure = 280 pcf (equivalent fluid weight).

  We recommend neglecting passive soil resistance from the upper foot of soil unless protected by a concrete slab or pavement.

- Coefficient of Friction (soil to footing) = 0.27
- Retaining structures should be designed to resist the following lateral active earth pressures:

Surface Slope of Retained Materials (Horizontal:Vertical)	Equivalent Fluid Weight (pcf)
Level	37
5:1	39
4:1	40
3:1	43
2:1	54

  These active earth pressures are only applicable if the retained earth is allowed to strain sufficiently to achieve the active state. The required minimum horizontal strain to achieve the active state is approximately 0.0025H. Retaining structures should be designed to resist an at-rest lateral earth pressure if this horizontal strain cannot be achieved.

- At-rest Lateral Earth Pressure = 57 pcf (equivalent fluid weight)

The lateral earth pressure due to earthquake motions for the retaining walls are calculated by using $PGA=S_{DS}/2.5=0.608g$ and $\Upsilon=130$ pcf for retaining wall dynamic load increment calculations. The point of application may vary between 0.37H to 0.40H.

- Basement (restrained) walls with level backfill:
  $P_{ae} = \frac{1}{2}\Upsilon H^2(0.68\ PGA/g) = 29\ H^2$

- Cantilever (unrestrained) walls with level backfill:
  $P_{ae} = \frac{1}{2}\Upsilon H^2(0.42\ PGA/g) = 18\ H^2$

- Cantilever (unrestrained) walls with no steeper than 2:1 slope:
  $P_{ae} = \frac{1}{2}\gamma H^2(0.70\ PGA/g) = 30\ H^2$

3.15 Cement Type and Corrosion Potential

A soluble sulfate test performed on a shallow sample of soil indicates that concrete at the subject site will have a negligible exposure to water-soluble sulfate in the soil. Our recommendations for concrete exposed to sulfate-containing soils are presented in the following table.

Recommendations for Concrete exposed to Sulfate-containing Soils

Sulfate Exposure	Water Soluble Sulfate (SO_4) in Soil (% by Weight)	Sulfate (SO_4) in Water (ppm)	Cement Type (ASTM C150)	Maximum Water-Cement Ratio (by Weight)	Minimum Compressive Strength (psi)
Negligible	0.00 - 0.10	0-150	--	--	2,500
Moderate	0.10 - 0.20	150-1,500	II	0.50	4,000
Severe	0.20 - 2.00	1,500-10,000	V	0.45	4,500
Very Severe	Over 2.00	Over 10,000	V plus pozzolan or slag	0.45	4,500

Use of alternate combinations of cementitious materials may be permitted if the combinations meet design recommendations contained in American Concrete Institute guideline ACI 318-11.

The soils were also tested for soil reactivity (pH) and electrical resistivity (ohm-cm). The test results indicate that the on-site soils have soil reactivity of 8.9 and 8.7 and electrical resistivity of 8,658 and 3,260 ohm-cm. A neutral or non-corrosive soil has a reactivity value ranging from 5.5 to 8.4. Generally, soils that could be considered moderately corrosive to ferrous metals have resistivity values of about 3,000 ohm-cm to 10,000 ohm-cm. Soils with resistivity values less than 3,000 ohm-cm can be considered corrosive and soils with resistivity values less than 1,000 ohm-cm can be considered extremely corrosive.

Based on our analysis, underlying onsite soils are corrosive to ferrous metals. Protection of buried pipes utilizing coatings on all underground pipes; clean backfills and a cathodic protection system can be effective in controlling corrosion. A qualified corrosion engineer may be consulted to further assess the corrosive properties of the soil.

3.16 Preliminary Pavement Sections

Based on the soil profiles at the subject project, a subgrade R-value of 30 has been used to develop the preliminary pavement sections given below. The structural section recommendations (AC over processed miscellaneous base materials (with a minimum R-value of 78)) given herein were developed using the procedures outlined in Chapter 630 of the California Highway Design Manual (Caltrans, 2012). This procedure uses the principle that the pavement structural section must be of adequate thickness to distribute the load from the design TI to the subgrade soils in such a manner that the stresses from the applied loads do not exceed the strength of the soil (R-value). We would

recommend the following preliminary structural sections:

ASPHALT SECTIONS

TRAFFIC INDEX	ASPHALT THICKNESS, IN.	BASE THICKNESS, IN.
4.5	3.0	5.0
5.0	3.0	6.0
6.0	4.0	7.0

At a minimum, the upper 12 inches of subgrade soils should be at or no more than 2% over optimum moisture content and compacted to a minimum of 90% relative compaction prior to placement of base. All aggregate base courses should also be at or no more than 2% over optimum moisture and compacted to a minimum of 95% relative compaction.

3.17 Utility Trench Backfill

The onsite fill soils will not be suitable for use as pipe bedding for buried utilities. All pipes should be bedded in a sand, gravel or crushed aggregate imported material complying with the requirements of the Standard Specifications for Public Works Construction (Greenbook) Section 306-1.2.1. Crushed rock products that do not contain appreciable fines should not be utilized as pipe bedding and/or backfill. Bedding materials should be densified to at least 90% relative compaction (ASTM D1557). The geotechnical consultant should review and approve of proposed bedding materials prior to use.

The on-site soils are expected to be suitable as trench backfill provided they are screened of organic matter, boulders and cobbles over 6 inches in diameter. Trench backfill should be densified to at least 90% relative compaction (ASTM D1557). On-site granular soils with a sand equivalent value of 15 or greater may be water densified initially per Greenbook Specifications. Supplemental mechanical compaction methods will be required to attain the required 90% relative compaction.

All utility trench backfill within street right of way, utility easements, under or adjacent to sidewalks, driveways, or building pads should be observed and tested by the geotechnical consultant to verify proper compaction. Trenches excavated adjacent to foundations should not extend within the footing influence zone defined as the area within a line projected at a 1:1 drawn from the bottom edge of the footing. Trenches crossing perpendicular to foundations should be excavated and backfilled prior to the construction of the foundations. The excavations should be backfilled in the presence of the geotechnical engineer and tested to verify adequate compaction beneath the proposed footing.

Cal/OSHA construction safety orders should be observed during all underground work.

3.18 Temporary Excavations

Based on the recommended removal depths as described in Section 3.06, temporary excavations within the limits of grading are expected to be 5 feet. Excavations may be cut vertically to a maximum height of 4 feet. Cuts above 4 feet may be laid back at a gradient of 1:1.

3.19 Drainage

Surface drainage should be directed away from the proposed structures into suitable drainage devices. Neither excess irrigation nor rainwater should be allowed to collect or pond against building foundations or within low-lying or level areas of the lot. Surface waters should be diverted away from the tops of slopes and prevented from draining over the top of slopes and down the slope face.

3.20 Plan Review

Once formal plans are prepared for the subject property, this office should review the plans from a geotechnical viewpoint, comment on changes from the plan used during preparation of this report and revise the recommendations of this report where necessary.

4.00 CLOSURE

This investigation was completed in accordance with generally accepted industry practice to provide recommendations for developing the property from a geotechnical perspective. Information presented in this report is based on research, field investigation, laboratory testing, and engineer judgment obtained from similar projects completed on nearby properties. This assessment is not, and should not be construed as, a warranty or guarantee concerning the geotechnical conditions which may affect the future development of the property. All discovered information has been disclosed and a good faith effort has been made to consult pertinent sources.

This study and report have been prepared on behalf and for the exclusive use of KB Home, and solely for use as a preliminary evaluation of the subject site. This report and its findings shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without prior written consent of RMA Geoscience, Inc. and KB Home. However, RMA Geoscience, Inc. acknowledges and agrees that the report may be conveyed to the design professionals for consideration in developing the property.

FIGURES



Source: Google Earth Images

RMA GeoScience

Figure 1

Site Vicinity Map

2540 Rosemead Boulevard
South El Monte, CA

RMA Job No:	20G-0418
Report Date:	8/2020
Prepared By:	MRM

APPENDIX G - REFERENCE MATERIAL

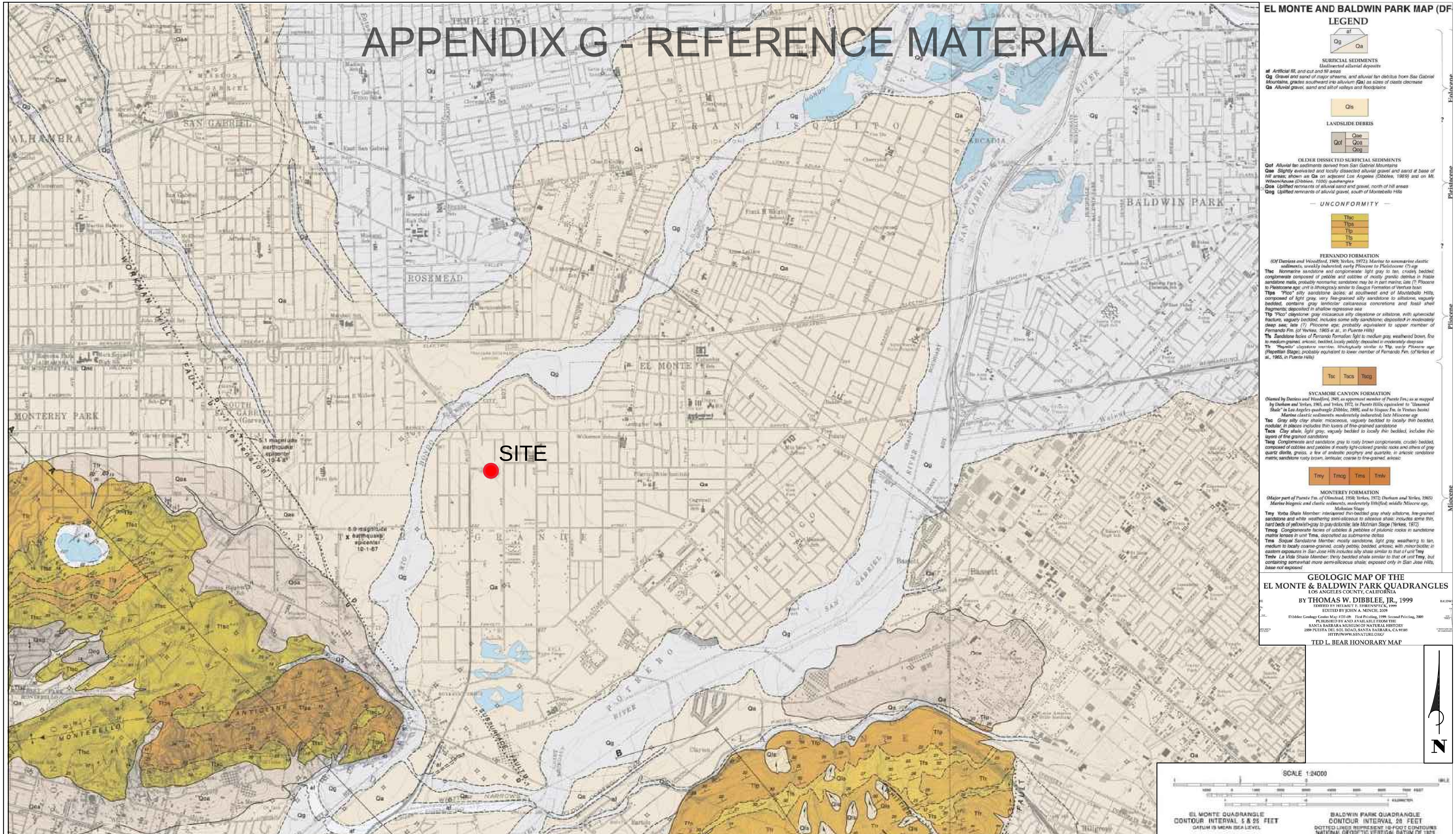


Figure 2

RMA Job No:	20G-0418
Report Date:	8/2020
Prepared By:	MRM

RMA GeoScience

Source: Geology Map of the EL Monte and Baldwin Park Quadrangle, Thomas W. Dibblee, Jr. 1999, Dibblee Geology Center Map #DF-69:, 1:24000

Regional Geology Map

El Monte, CA

APPENDIX A

FIELD INVESTIGATION

APPENDIX A

FIELD INVESTIGATION

A-1.00 FIELD EXPLORATION

A-1.01 Number of Borings and Test Pits

Our subsurface investigation consisted of seven (7) hollow stem boring auger to depths of up to 50 feet and nine (9) test pits t dug with a backhoe to a maximum depth of 17 feet.

A-1.02 Location of Boring and Test Pits

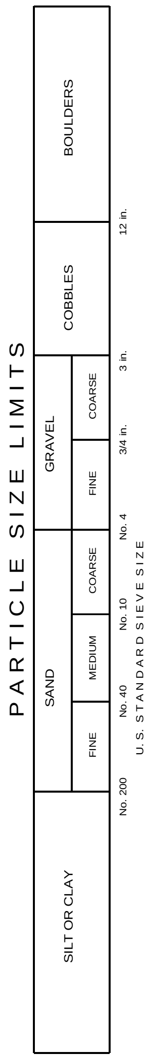
A Boring Location Map showing the approximate locations of the borings and test pits are presented as Plate 1.

A-1.03 Boring and Test Pit Logging

Logs of the borings and test pits were prepared by one of our staff and are attached in this appendix. The logs contain factual information and interpretation of subsurface conditions between samples. The strata indicated on these logs represent the approximate boundary between earth units and the transition may be gradual. The logs show subsurface conditions at the dates and locations indicated, and may not be representative of subsurface conditions at other locations and times.

Identification of the soils encountered during the subsurface exploration was made using the field identification procedure of the Unified Soils Classification System (ASTM D2488). A legend indicating the symbols and definitions used in this classification system and a legend defining the terms used in describing the relative compaction, consistency or firmness of the soil are attached in this appendix. Bag samples of the major earth units were obtained for laboratory inspection and testing.

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MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS (More than 50% of material is LARGER than No. 200 sieve size)	GRAVELS (More than 50% of coarse fraction is LARGER than the No. 4 sieve size.	CLEAN GRAVELS (Little or no fines)	GW	Well graded gravel, gravel-sand mixtures. little or no fines.
			GP	Poorly graded gravel or gravel-sand mixtures, little or no fines.
		GRAVELS WITH FINES (Appreciable amt. of fines)	GM	Silty gravels, gravel-sand-silt mixtures.
			GC	Clayey gravels, gravel-sand-clay mixtures.
	SANDS (More than 50% of coarse fraction is SMALLER than the No. 4 sieve size)	CLEAN SANDS (Little or no fines)	SW	Well graded sands, gravelly sands, little or no fines.
			SP	Poorly graded sands or gravelly sands, little or no fines.
		SANDS WITH FINES (Appreciable amount of fines)	SM	Silty sands, sand-silt mixtures.
			SC	Clayey sands, sand-clay mixtures.
FINE GRAINED SOILS (More than 50% of material is SMALLER than No. 200 sieve size)	SILTS AND CLAYS (Liquid limit LESS than 50)		ML	Inorganic silts and very fine sands, rock flour silty or clayey fine sands or clayey silts with slight plasticity
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
			OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS (Liquid limit GREATER than 50)		MH	Inorganic silts, micaceous or diatamaceous fine sandy or silty soils, elastic silts.
			CH	Inorganic clays of high plasticity, fat clays.
			OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils.

BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.

UNIFIED SOIL CLASSIFICATION SYSTEM

I. SOIL STRENGTH/DENSITY

BASED ON STANDARD PENETRATION TESTS

Compactness of sand		Consistency of clay	
Penetration Resistance N (blows/Ft)	Compactness	Penetration Resistance N (blows/ft)	Consistency
0-4	Very Loose	<2	Very Soft
4-10	Loose	2-4	Soft
10-30	Medium Dense	4-8	Medium Stiff
30-50	Dense	8-15	Stiff
>50	Very Dense	15-30	Very Stiff
		>30	Hard

N = Number of blows of 140 lb. weight falling 30 in. to drive 2-in OD sampler 1 ft.

BASED ON RELATIVE COMPACTION

Compactness of sand		Consistency of clay	
% Compaction	Compactness	% Compaction	Consistency
<75	Loose	<80	Soft
75-83	Medium Dense	80-85	Medium Stiff
83-90	Dense	85-90	Stiff
>90	Very Dense	>90	Very Stiff

II. SOIL MOISTURE

Moisture of sands		Moisture of clays	
% Moisture	Description	% Moisture	Description
<5%	Dry	<12%	Dry
5-12%	Moist	12-20%	Moist
>12%	Very Moist	>20%	Very Moist, wet

RMA GeoScience
9854 Glenoaks Blvd., Sun Valley, CA 91352

BORING NUMBER 1
Page 1 of 1

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/15/2020 Completed: 7/15/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: mbk Checked By: hhl
140 lb AutoHammer with 30 inch drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
0–2			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, meduim dense			SM
2.5	Ring	5,5,5	Bulk	17.4	103.2	121.1				**ALLUVIUM (Qa):** Light orange gray fine Silty SAND with minor Clay, micaceous, orange iron oxide stains along minor rootlet pathways, slightly moist, intact, loose density			SM
5	Ring	3,3,4		8.2	91.3	98.8				@ 5 feet, same as above, with thin SILT layers, slightly moist, intact, very loose density			SM
7.5	Ring	7,12,14		24.4	100.7	125.3				@ 7.5 feet, lighty orange gray Sandy SILT and Silty SAND layers, orange oxide staining along rootlet pores and organic debris clasts (1mmx5mm), micaceous, slightly moist, medium dense or stiff			ML/SM
10	Ring	4,4,4		9.8	109.4	120.1				@ 10 feet, very light gray fine Silty SAND, slightly micaceous, slighlty moist intact, very loose density			SM
12.5	SPT	6,10,11		9.8						@ 12.5 feet, very light gray fine SAND with Silt, friable, slightly moist to dry, dense			SP
15	Ring	40,50/4"		10.5	116.9	129.1				@ 15 feet, same as above fine SAND with Gravel and Cobbles, friable, dry to slightly moist, medium dense			SP
17.5	SPT	9,10,15		2.0						@ 17.5 feet, same as above fine SAND with Silt, Gravel, and Cobbles, friable, slightly moist to dry, medium dense, Cobble in sample shoe			SW
20	Ring	20,28,31		1.8	121.0	123.1				@ 20 feet, very light gray fine SAND with Silt, and minor medium to coarse grains, friable, slightly moist to dry, medium dense, three rings			SW
22.5	SPT	11,9,11		2.3						@ 22.5 feet, light yellow brown gray fine to coarse Gravally SAND with Silt, friable, slightly moist, dense			SW
25	Ring	30,40,50/6"		2.3	108.6	111.1				@ 25 feet, light yellow brown gray fine Gravelly SAND with fine to coarse SAND and pockets of fine Sandy SILT lenses, slight moist, medium dense			SW

Total Depth drilled 26.5 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/15/20

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BORING NUMBER 2

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Client: KB Home | Project Name: Solemo 13 Acres
Project Number: 20G-0418 | Project Location: 2540 Rosemead Blvd, South El Monte,
Date Started: 7/15/2020 Completed: 7/15/2020 | Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger | Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin) | Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: mbk Checked By: hhl | 140 lb AutoHammer with 30 inch drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
0			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange fine Silty SAND with Clay, slightly moist, meduim dense @ 6 inches change to moderate brown gray with strong petroleum			SM
	Ring	7,11,13		12.3	98.7	110.9				ALLUVIUM (Qa): Very light orange gray fine to medium Silty slightly moist, medium dense.			SM
5	Ring	6,4,3		29.3	80.3	103.8				@ 5 feet, very light orange gray fine Silty SAND with orange iron staining along rootlet pathways, slighlty micaceous, very loose			SM
	Ring	12,13,15		34.7	89.9	121.1				@ 7.5 feet, same as above, slighlty moist, medium dense			SM
10	SPT	7,8,10		6.6						@ 10 feet, very light orange gray fine SAND with thin orange clasts stained orange (iron oxide), slightly moist, meduim dense			SP
	Ring	28,50/6"		1.6	114.8	116.6				@ 12.5 feet, same as above, slightly moist, medium dense			SP
15	SPT	11,13,14		1.3						@ 15 feet, same as above fine SAND with lenses and thin layers of brown SILT with Clay, slightly moist, medium dense			SP
	Ring	27,50/6"		3.2	102.0	105.3				@ 17.5 feet, very light yellow gray fine to medium SAND with Silt, dry to slighlty moist, medium dense			SW
20	SPT	17,22,24		3.2						@ 20 feet, very light yellow gray fine to coarse SAND with minor Silt and fine Gravel (subangular to subrounded), friable, slighlty moist to dry,			SW
	Ring	40,50/6"		4.1	124.0	129				@ 22.5 feet, same as above with minor Gravel, friable, slightly dense			SW
25	SPT	18,21,39		9.4						@ 25 feet, same as above, fine to medium SAND, friable, slightly dry, dense			SW
30													

Total Depth drilled 26.5 feet

No Groundwater

No Caving to 20 feet as auger pulled

Backfilled and Asphalt Capped 7/15/20

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BORING NUMBER 3

Client: KB Home | Project Name: Solemo 13 Acres
Project Number: 20G-0418 | Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/15/2020 Completed: 7/15/2020 | Ground Elevation: 240* Boring Diameter: 9"
Excavation Method: Hollow Stem Auger | Ground Water Levels: Not Encountered
Drilling Contractor: Choise Drilling (Samm and Darwin) | Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: mbk Checked By: hhl | 140 lb AutoHammer with 30 inch drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
			Bulk							**ASPHALT:** 2 inches **ARTIFICIAL FILL Qaf):** Moderate orange brown fine Silty SAND, slightly moist, medium dense			SM
										Orange brown fine Silty SAND, slightly moist, medium dense			
	Ring	6,8,7		12.6	112.2	126.4				**ALLUVIUM (Qa):** Olive gray with minor orange iron oxide stained fine Silty SAND, micaceous, strong hydrocarbon odor, moist, medium dense			SM
5													SM
	Ring	6,8,11		12.8	115.0	130				@ 5 feet, same as above, hydrocarbon odor, slighlty moist medium dense			SM
	Ring	6,9,12		29.5	90.1	117				@ 7.5 feet, same as above, strong hydrocarbon odor, slighlty moist to moist, medium dense			SM
10	SPT	2,3,4								@ 10 feet, same as above, hydrocarbon odor, slightly moist to moist, medium dense	15		SM
	Ring	6,8,14		20.3	109.3	132				@ 12.5 feet, olive grey fine Sandy SILT with clay with orange iron oxide staining along rootlet pathways, minor charcoal flecks, hydrocarbon odor (PID 300), slightly moist,very stiff			ML
15	SPT	4,6,2		12.5			42	37	5	@ 15 feet, sandy SILT with clay, hydrocarbon odor, medium dense, slightly moist, very stiff	80		ML
	Ring	6,9,15		7.2	96.1	103				@ 17.5 feet, light gray brown fine SAND with Silt, slightly moist,			SP
20	SPT	4,9,15								Light gray brown SILT, micaceous, hydrocarbon odor (PID 386), slightly moist to moist, medium stiff	20		ML
										Light gray brown fine SAND with Silt, friable,slighlty moist, medium dense			SP
	Ring	28,50/6"		1.7	110.1	112				@ 22.5 feet, light gray fine to coarse Gravelly SAND with Silt, friable, no hydrocarbon odor, dry to slighlty moist, medium dense			SW
25	SPT	7,9,11		1.5						@ 25 feet, same as above, friable, dry to slightly moist, medium dense			SW
	Ring	10,11,20		12.4	95.4	107				@ 27.5 feet, same as above, with SILT and fine SAND layers, slightly moist, medium dense			SW
30	SPT	5,7,8								@ 30 feet, light gray Silty fine SAND with gravel, friable, slightly moist, dense	18		SM/SP
	Ring	17,28,30		3.3	109.6	113				@ 32.5 feet, same as above, dense			SP

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BORING NUMBER 3
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Client: KB Home
Project Number: 20G-0418-0
Date Started: 7/15/2020 Completed: 7/15/2020
Excavation Method: Hollow Stem Auger
Drilling Contractor: Choise Drilling (Samm and Darwin)
Logged By: mbk Checked By: hi

Project Name: Solemo 13 Acre
Project Location: 2540 Rosemead Blvd, South El Monte
Ground Elevation: 240* Boring Diameter: 9"
Ground Water Levels: Not Encountered
Notes: * Topographic map by B & E Engineers 10/23/15

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D$_{50}$	USCS Classification
	Standard Split Spoon	9,14,15		4.3						@ 35 feet, same as above, light gray fine SAND with SILT, friable, slighty moist, dense			SP
	2.5" Ring	50/6"		2.1	108.8	111.1				@ 37.5 feet, same as above with Gravel, friable, slightly moist, dense			SP/SW
40	Standard Split Spoon	15,21,22								@ 40 feet, light gray fine SAND, slightly moist, dense	6.4		SP
	2.5" Ring	27,50/2"		19.7	107.6	129				@ 425 feet, Gray Gravelly SAND, sub angular to sub rounded, moist, medium dense with lenses of Silty CLAY, organic rich, moist, soft			SW
45	Standard Split Spoon	27,50/2"		33.4						@ 45 feet, Gray green SILT with Clay to Clayey SILT with minor Gravel, organic rich, slighlty micaceous, slighlty moist to moist, soft			ML
	2.5" Ring	10,15,21		18.9	113.4	135				@ 47.5 feet, dark gray, Silty CLAY to Clayey SILT with coarse Sand to fine Gravel, stiff			CL/ML
50	Standard Split Spoon	12,15,16								@ 50 feet, Silty Sand with clay, less Gravel, slightly moist, stiff	34.9		SM/SC

Total Depth drilled 51.5 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/15/20

Depth scale: 55, 60, 65

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BORING NUMBER 4
Page 1 of 1

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/15/2020 Completed: 7/15/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By: HL
140 lb Auto Hammer with 30 in. drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
0			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, meduim dense			
2	Ring	9-9-8	Bulk	12.3	106.3	119				**ALLUVIUM (Qa):** Light orange brown Silty fine SAND with minor Clay, micaceous, orange iron oxide stains, slightly moist, intact, loose density			SM
5	SPT	1-1-2								@ 3 feet, medium light brown SILT with fine Sand, micaceous, red iron odixe staining, slightly moist			ML
7.5	Ring	4-7-12		19.4	109.9	131				@ 7.5 feet, medium light brown SILT with medium course Sand, micaceous, red iron odixe staining, slightly moist			
10	Ring	10-17-20		3.8	104.1	108				@ 10 feet, orange yellow medium to fine grained SAND, micaceous, red iron odixe staining, slightly moist, medium dense			SM
12.5	SPT	8-13-14								@ 12.5 feet, orange yellow medium to fine grained SAND, red iron odixe staining, slightly moist, medium dense			
15	Ring	20-34-50(6")		1.4	121.4	123				@ 15 feet, greyish white course grained SAND with abundant Gravels (fine to course), slightly moist to dry, many fractured gravels in sample			SM-SP
17.5	SPT	9-15-16								@ 17.5 feet, greyish white course grained SAND with some Gravels (fine to course), slightly moist to dry, some fractured gravels in sample			SM
20	Ring	14-21-30		1.7	113.3	115				@ 20 feet, greyish white course grained SAND with some Gravels (fine to course), slightly moist to dry, few fractured gravels in sample			
22.5	SPT	14-28-33								@ 22.5 feet, greyish white medium to fine grained SAND with some Gravels (fine to course), slightly moist to dry, few fractured gravels in sample			
25	Ring	31-50(6")		3.6	110.0	114				@ 25 feet, greyish white medium to fine grained SAND with some Gravels (fine to course), slightly moist to dry, few fractured gravels in sample			
27.5	SPT	2-3-4								@ 27.5 feet, Blue grey Clayey SAND with Silt, very micaceous, slightly moist, soft,			SC-SM

Total Depth drilled 27.5 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/16/20

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BORING NUMBER 5

Client: KB Home | Project Name: Solemo 13 Acres
Project Number: 20G-0418 | Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/16/2020 Completed: 7/16/2020 | Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger | Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin) | Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By: HHL | 140 lb Auto Hammer with 30 in. drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D50	USCS Classification
0			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, medium dense			
2.5										**ALLUVIUM (Qa):** Light orange brown Silty fine SAND with minor Clay, micaceous, orange iron oxide stains, slightly moist, intact, loose density			SM
	Ring	2-4-10		22.3	101.4	124.0				@ 3 feet, medium light brown Silty SAND to Sandy SILT, micaceous, red iron odixe staining, slightly moist			SM/ML
5	SPT			20.9						@ 5 feet, medium light brown Silty SAND to Sandy SILT with Clay, micaceous, red iron odixe staining on rootlets, slightly moist, medium stiff			
7.5	Ring	18-24-31		3.1	106.7	110.0				@ 7.5 feet, orange yellow medium to course SAND with Silt and some Gravels, slightly moist, fractured gravels coming up in auger			SM
10	SPT	4-8-10		3.6						@ 10 feet, orange yellow medium to course SAND with Silt and some Gravels, slightly moist, fractured gravels coming up in auger			
12.5	Ring	16-18-8		4.9	102.2	107.2				@ 12.5 feet, whitish yellow medium to fine grained SAND, no gravels, red iron odixe staining, slightly moist, medium dense			
15	SPT	2-2-6		21.0						@ 15 feet, Redish iron staining on layer of sandy silt with clay, soft with lower half of sample containing medium brown fine to medium SAND, slightly moist			CL/ML
17.5	Ring	12-28-50(6")		1.9	125.8	128.1				@ 17.5 feet, whitish course to medium grained SAND with Gravels (fine to course), slightly moist to dry, abundant fractured gravels in sample			SM
20	SPT	2-3-4		25.9						@ 20 feet, blue grey green SILT with Clay to Clayey SILT with little to no Sand, soft, slightly moist			ML
22.5	Ring	12-16-17		19.3	102.0	121.8				@ 22.5 feet, blue grey green SILT with Clay to Clayey SILT with little to no Sand, medium dense, slightly moist			
25	SPT	5-7-7		11.4						@ 25 feet, blue grey green fine grained SAND with Silt, slightly moist, soft, no cobbles, minor iron oxide staining			SM
27.5	Ring	8-10-12		18	104.0	122.7				@ 27.5 feet, brown grey SILT with Clay to CLAY with Silt, some iron oxide staining, soft, low recovery			ML/CL
30	SPT	2-4-8		34									
32.5				15.6	115.4	133.5							

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BORING NUMBER 5

Client: KB Home | Project Name: Solemo 13 Acres
Project Number: 20G-0418 | Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/16/2020 Completed: 7/16/2020 | Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger | Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin) | Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By: HHL

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
35	SPT	5-6-9		11.9						@ 35 feet, blue green grey Silty SAND with Clay, slightly moist, medium dense, micaceous			SM
	Ring	25-50(6")		11.4	123.9	138				@ 37.5 feet, blue green grey Silty SAND with Clay, slightly moist, medium dense, micaceous			
40	SPT	8-11-6		14.0						@ 40 feet, Lower sampler consists of approximately 6 inches of grey green Silty CLAY, below it there is approximately 6 inches of whitish grey course SAND and below that there is approximately 6 inches of blue green medium course SAND, slightly moist			CL/SM
	Ring	15-38-50(6"		12.6	119.7	135				@ 42.5 feet, blue green grey Silty coarse SAND with Clay, slightly moist, medium dense, micaceous			SM
45	SPT	8-12-17		11.8						@ 45 feet, blue green grey Silty coarse SAND with Clay, slightly moist, medium dense, micaceous			
	Ring	11-14-15		23.4	100.9	125				@ 47.5 feet, blue green grey Silty coarse SAND with Clay, slightly moist, medium dense, micaceous			
50	SPT	7-11-14		33.5						@ 50 feet, blue green grey Silty coarse SAND with Clay, slightly moist, medium dense, micaceous			

Total Depth drilled 50 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/16/20

RMA GeoScience
9854 Glenoaks Blvd., Sun Valley, CA 91352

BORING NUMBER 6

Client:	KB Home	Project Name:	Solemo 13 Acres
Project Number:	20G-0418	Project Location:	2540 Rosemead Blvd, South El Monte, CA
Date Started:	7/16/2020 Completed: 7/16/2020	Ground Elevation:	244 ft. * Boring Diameter: 9"
Excavation Method:	Hollow Stem Auger	Ground Water Levels:	Not Encountered
Drilling Contractor:	Choice Drilling (Samm and Darwin)	Notes:	* Topographic map by B & E Engineers 10/23/15
Logged By:	MRM Checked By: HHL		140 lb Auto Hammer with 30 in. drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
										ASPHALT: 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, medium dense			
	Split Spoon	2-3-4								**ALLUVIUM (Qa):** Light orange brown Silty fine SAND with minor Clay, micaceous, orange iron oxide stains, slightly moist, loose to medium density	52		SM/ML
5	Ring	7-9-10	Bulk	13.4	96.2	109.1				@ 2.5 feet, medium light brown Silty SAND to Sandy SILT, micaceous, red iron odixe staining, slightly moist			
	Split Spoon	1-2-4								@ 5 feet, medium light brown Silty SAND to Sandy SILT with Clay, micaceous, red iron odixe staining on rootlets, slightly moist, medium stiff			
				4.3						@ 7.5 feet, whitish medium to course SAND, some finer sand in upper sanmple, slightly moist,			
10	Ring	4-6-8		18.4	76.6	90.7				@ 10 feet, medium light brown Silty SAND to Sandy SILT, micaceous, red iron odixe staining, slightly moist, low recovery			
	Split Spoon	1-1-1					61	54	7	@ 12.5 feet, Black Sandy SILT trace clay, very strong hydrocarbon smell, abundant black organics and brown degrading roots, soft, slightly moist to moist	83		ML/SM
15	Ring	4-4-5	Bulk	60.5	55.2	88.6				@ 15 feet, Blacksilty Sandy SILT, very strong hydrocarbon smell, abundant black organics and brown degrading roots, soft, slightly moist to moist,			
	Split Spoon	5-4-4		12.8						@ 17.5 feet, Upper layer is dark grey course to medium SAND, lower half of sample is black Sandy SILT, very strong hydrocarbon smell, abundant black organics and brown degrading roots, soft, slightly moist to moist,			
20	Ring	6-8-9		23.9	100.6	124.7				@ 20 feet, Upper layer is dark grey course to medium SAND, lower half of sample is black Sandy SILT, very strong hydrocarbon smell, abundant black organics and brown degrading roots, soft, slightly moist to moist,			
	Split Spoon	3-3-3								@ 22.5 feet, dark grey green silty SAND trace clay, micaceous, no visible organics, slightly moist, soft	61		ML/SM
25	Ring	8-10-14		16.9	109.3	127.8							
	Split Spoon	6-13-15		12.6						@ 25 feet, dark grey green silty SAND trace clay, micaceous, no visible organics, slightly moist, soft, some course grey gravel and a course Sand layer approx. 3"			
30	Ring	17-50(6")		12.8	111.5	125.8				@ 27.5 feet, grey green medium to fine SAND with minor Silt, upper 3 in. of sampler are silty SAND trace clay, micaceous, no visible organics, moist,			SM
										@ 30 feet, grey green medium to fine SAND with minor Silt, micaceous, no visible organics, moist, medium dense to dense			
	Split Spoon	6-12-20								@ 32.5 feet, grey green medium to fine SAND with minor Silt, micaceous, no visible organics, moist, medium dense to dense	11		

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BORING NUMBER 6

Page 2 of 2

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/16/2020 Completed: 7/16/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By:

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D50	USCS Classification
35	2.5" Ring	45-50(6")		7.7	125.7	135.5				@ 32.5 feet, grey green medium to fine SAND with minor Silt, micaceous, no visible organics, moist, medium dense to dense			SM
	SPT	6-7-8								@ 37.5 feet, grey green medium coarse to coarse SAND with some Silt, micaceous, moist, medium dense			
40	2.5" Ring	13-22-35		8.3	113.4	122.8				@ 40 feet, medium brown Sandy SILT to Silty SAND with Gravel, slightly moist, medium dense,			SM/ML
	SPT	6-8-9								@ 42.5 feet, medium brown course to medium course SAND, slightly moist, medium dense, grades into finer grey green SILT with Clay	27		SM
45	2.5" Ring	11-20-23								@ 45 feet, medium brown coarse SAND interspersed with black tubes, layers of green Silty Clay in lower rings, slightly moist, dense			
	SPT	8-12-20								@ 47.5 feet, light brown Silty SAND, slightly moist, friable, medium dense to dense			
50	2.5" Ring	50(6")								@ 50 feet, light brown Silty SAND, slightly moist, friable, medium dense to dense			

Total Depth drilled 50 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/16/20

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BORING NUMBER 7

Client: KB Home
Project Name: Solemo 13 Acres
Project Number: 20G-0418
Project Location: 2540 Rosemead Blvd, South El Monte, CA
Date Started: 7/16/2020 Completed: 7/16/2020
Ground Elevation: 244 ft. * Boring Diameter: 9"
Excavation Method: Hollow Stem Auger
Ground Water Levels: Not Encountered
Drilling Contractor: Choice Drilling (Samm and Darwin)
Notes: * Topographic map by B & E Engineers 10/23/15
Logged By: MRM Checked By:
140 lb Auto Hammer with 30 in. drop

Legend: Thin Wall Tube; 2.5" Ring Sample; Bulk Sample; Standard Split Spoon Sample; Static Water Table

Depth (ft)	Drive Sample	Blow Count (N Value)	Bulk Sample	Moisture Content (%)	Dry Unit Weight (pcf)	Wet Unit Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index	Material Description	<#200	D_{50}	USCS Classification
			Bulk							**ASPHALT:** 2 inch thick **ARTIFICIAL FILL (af):** Moderate orange brown fine Silty SAND with Clay, slighlty micaceous, slightly moist, medium dense			SM
	Ring	4-6-10								@ 3 feet, medium light brown Silty SAND to Sandy SILT, asphault pieces,medium dense, slightly moist			SM/ML
5													
	Ring	4-6-10								**ALLUVIUM (Qa):** Light orange brown Silty fine SAND with minor Clay, micaceous, orange iron oxide stains, slightly moist, loose to medium density			SM
										@ 6 feet, medium light brown Silty SAND to Sandy SILT, micaceous, slightly moist, medium stiff			SM/ML
10	Ring	9-12-18								@ 9 feet, medium light brown Silty SAND to Sandy SILT, micaceous, slightly moist, medium stiff, red iron oxide staining			
	Ring	7-12-13								@ 12 feet, medium light brown Silty SAND to Sandy SILT, micaceous, slightly moist, medium stiff, red iron oxide staining			
15	Ring	11-13-20								@ 15 feet, medium brown Silty SAND to Sandy SILT, micaceous, slightly moist, medium stiff to stiff, red iron oxide staining areas are sandier			
	Ring	13-17-18								@ 18 feet, whitish grey fine to medium SAND with minor Silt, slightly moist, medium dense			SM
20													
	Ring	8-20-30								@ 21 feet, whitish grey fine to medium SAND with minor Silt and minor well graded gravels, slightly moist, medium dense			
										@ 24 feet, whitish grey fine to medium SAND with minor Silt and minor well graded gravels, slightly moist, medium dense			
25	Ring	14-21-28											
30													

Total Depth drilled 24 feet

No Groundwater

No Caving

Backfilled and Asphalt Capped 7/16/20

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Log of Exploratory Test Pit

Test Pit Number: 1

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

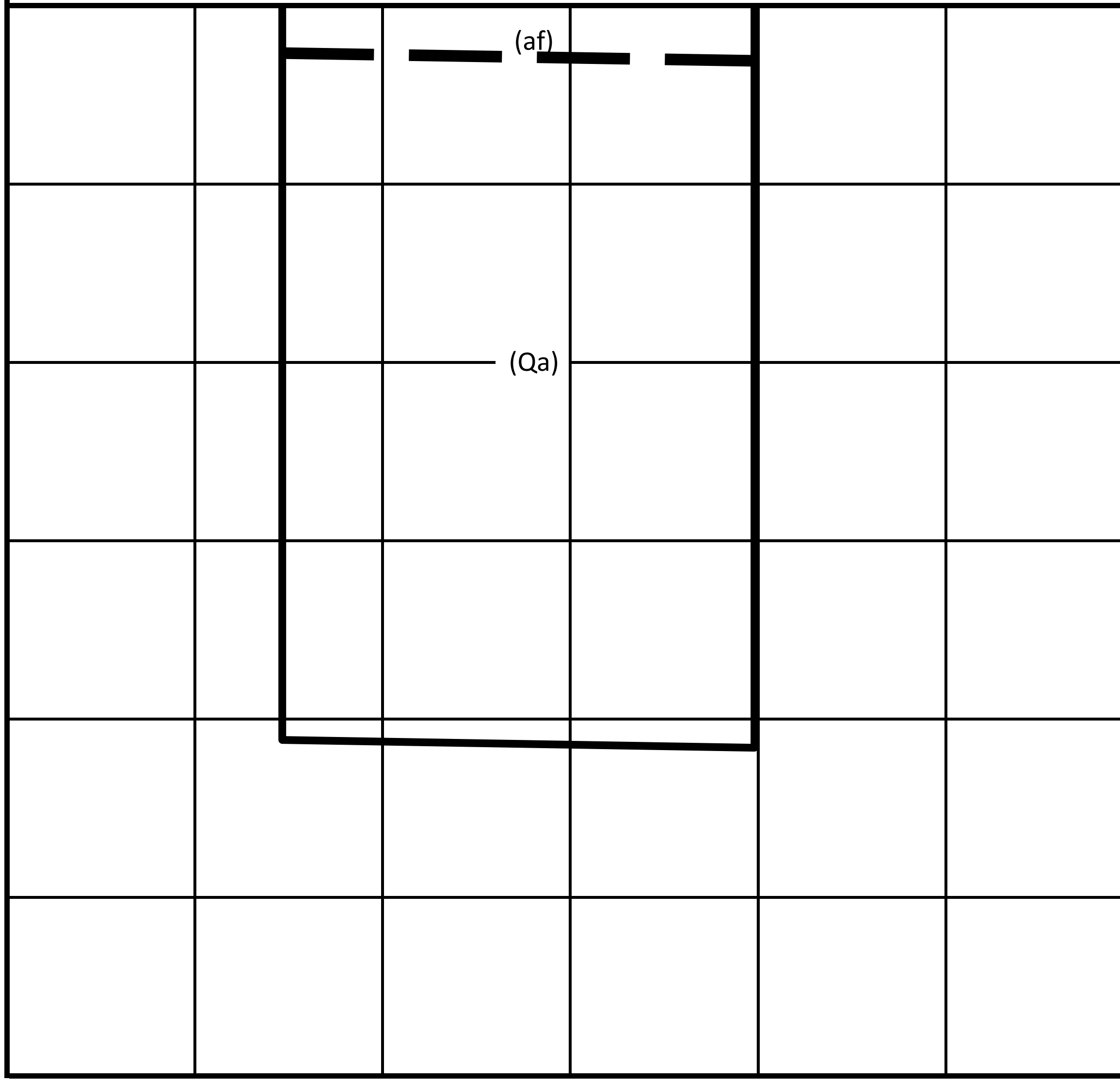
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-1' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **1-17' Quaternary Alluvium (Qa)** 1-10': Grey green blue Silty SAND to SAND with Silt, slightly moist, no cobbles or gravels, friable, medium dense 10-17': Grey green blue Silty SAND with Clay, slightly moist, no cobbles or gravels, medium dense, strong hydrocarbon smell, breaks in chunks 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



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Log of Exploratory Test Pit

Test Pit Number: 2

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

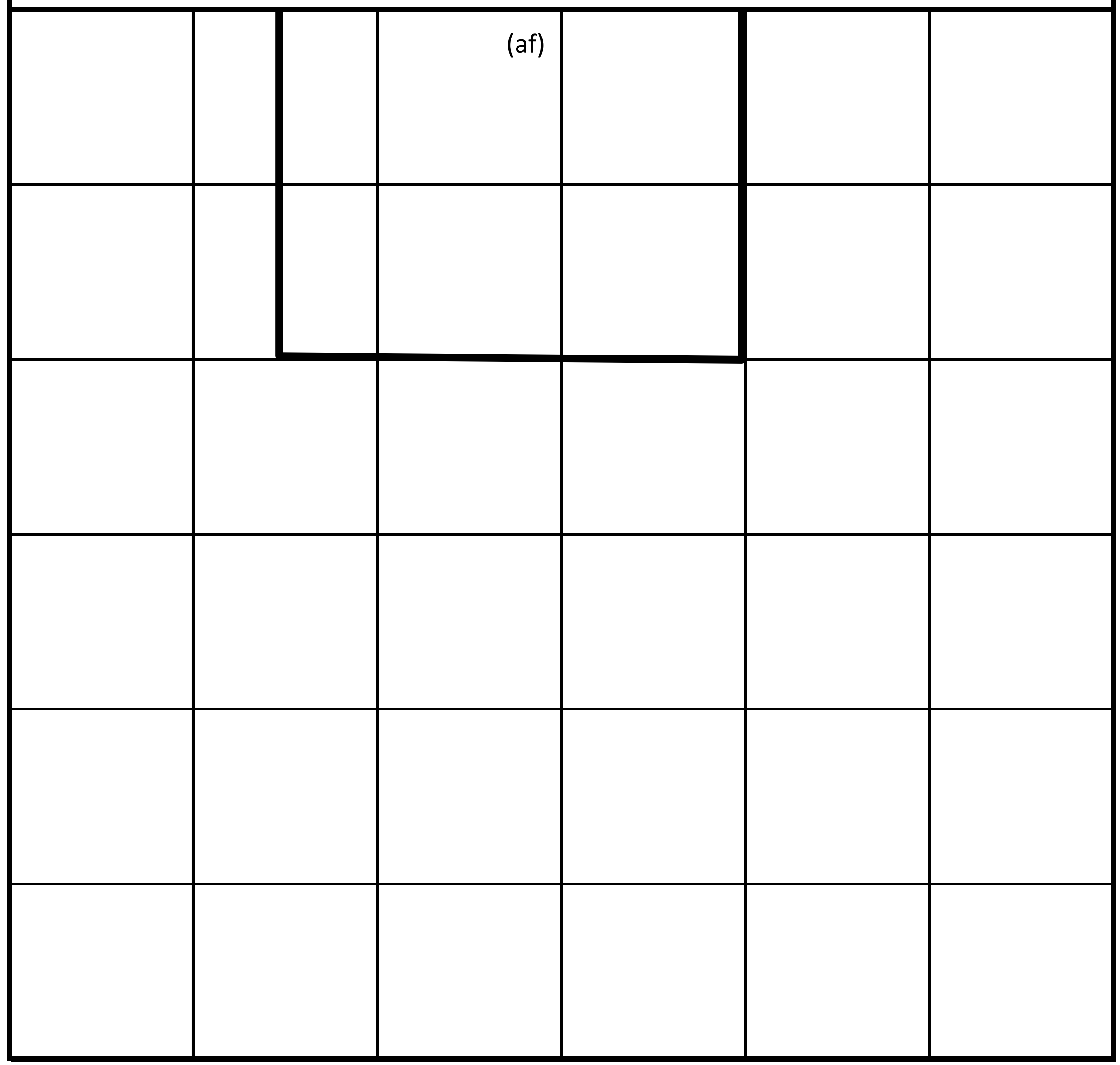
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-2'** **Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **Refusal at two feet due to concrete slab** **TD: 2 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 1 feet



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Log of Exploratory Test Pit

Test Pit Number: 3

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

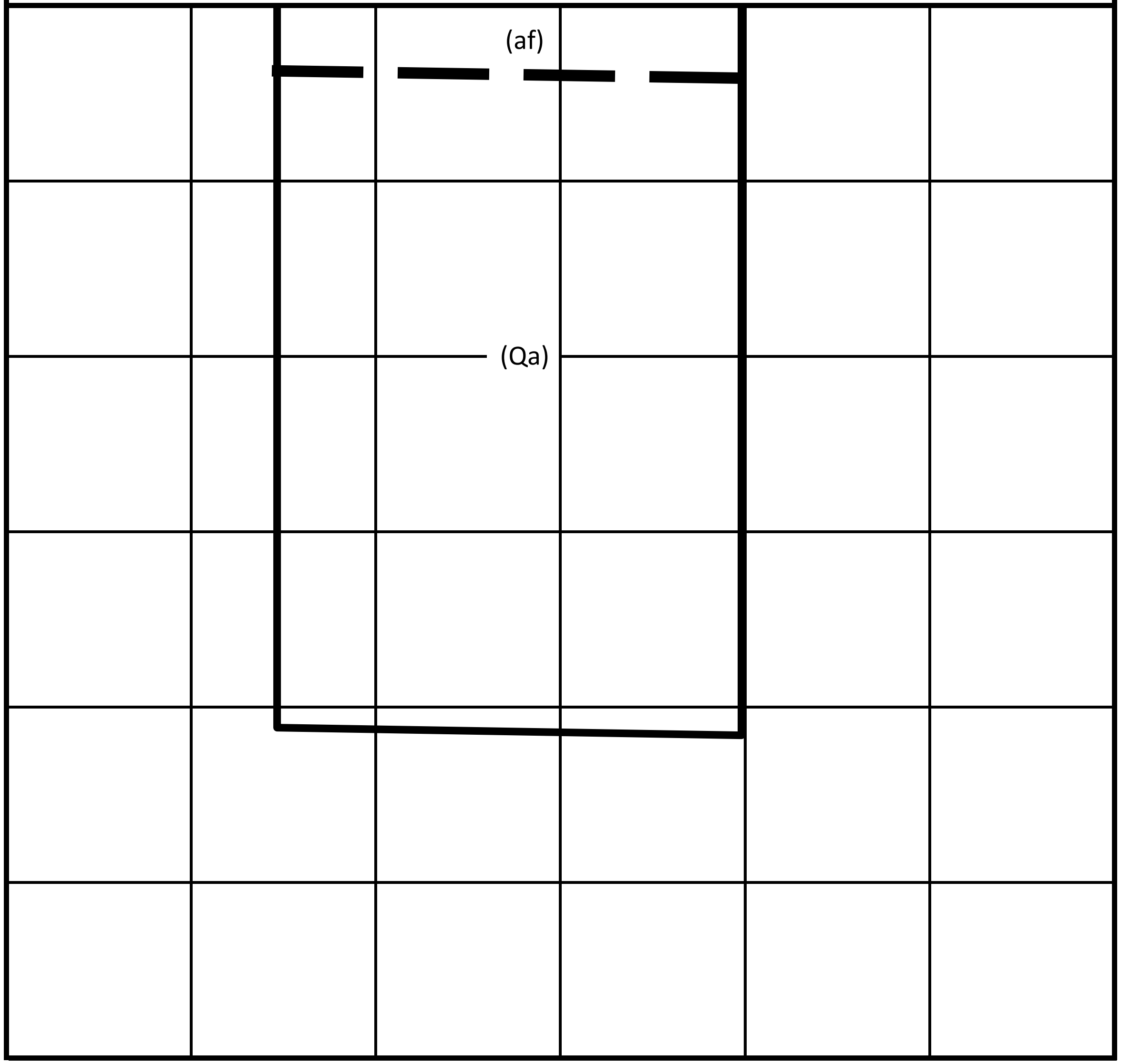
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-2' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **2-17' Quaternary Alluvium (Qa)** 1-10': Grey green blue Silty SAND to SAND with Silt, slightly moist, no cobbles or gravels, friable, medium dense 10-17': Grey green blue Silty SAND with Clay, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks, sparce black potential chunks of hydrocarbons 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



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Log of Exploratory Test Pit

Test Pit Number: 4

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

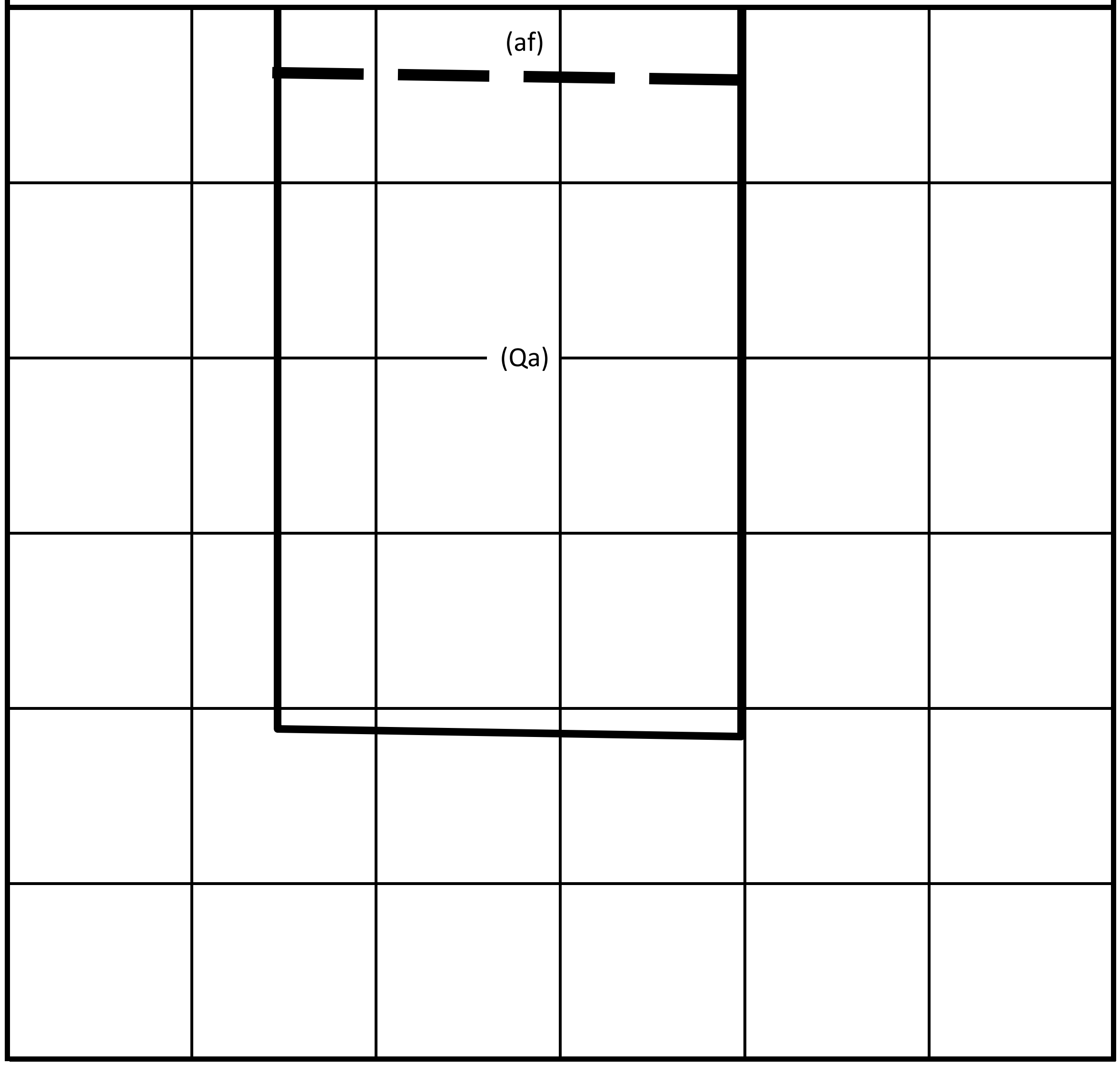
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-2' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **2-17' Quaternary Alluvium (Qa)** 1-10': light grey green blue Silty SAND to Sandy SILT, dry, no cobbles or gravels, friable, medium dense, micaceous 10-17': Grey green blue Silty SAND with Clay, micaceous, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks, sparce black potential chunks of hydrocarbons 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



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Log of Exploratory Test Pit

Test Pit Number: 5

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

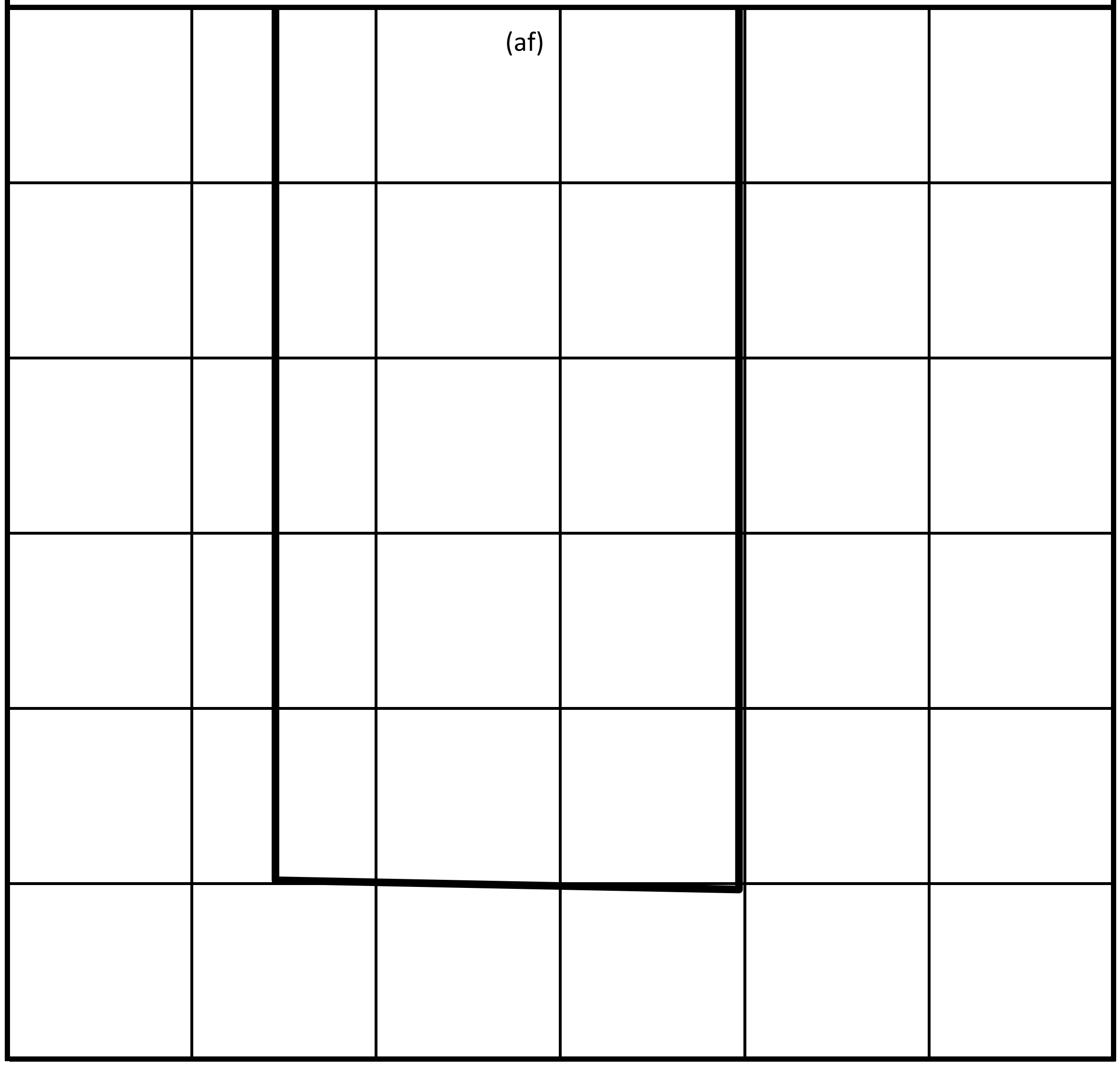
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base
	0-5' Artificial Fill (af)
	Light medium brown Silty coarse SAND to coarse Sandy SILT with no cobbles, asphalt chunks, dry
	Refusal at five feet due to concrete slab
	TD: 5 ft **No Caving** **No Subsurface Water or Groundwater**

1 inch = 1 feet



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Log of Exploratory Test Pit

Test Pit Number: 6

Date: 7/15/2020

Project Name: Solemo 13 Acres

Project Number: 20G-0418

Equipment: Backhoe

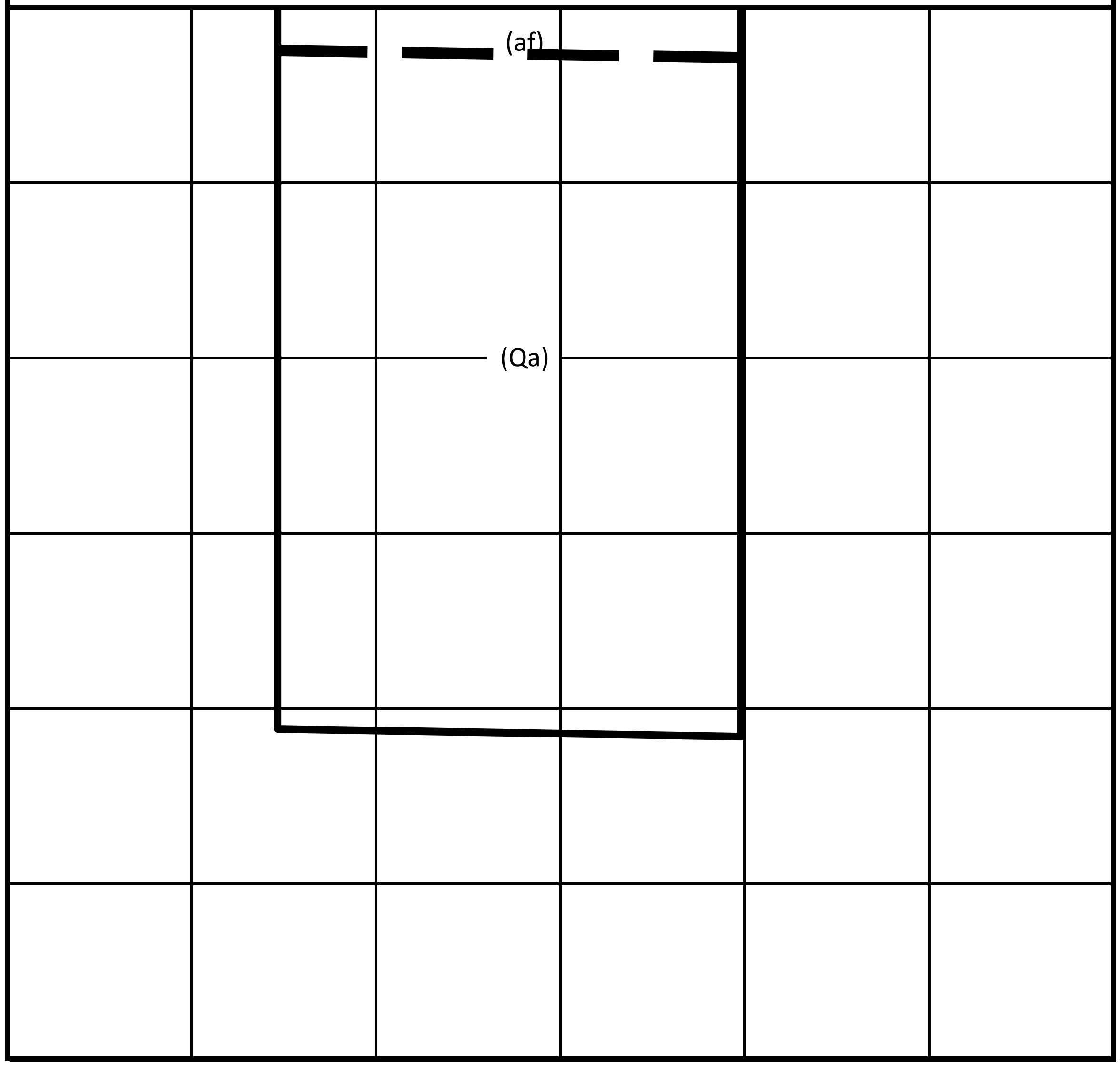
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA

Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-1' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **1-17' Quaternary Alluvium (Qa)** 1-10': light grey green blue Silty fine SAND to fine Sandy SILT, dry, no cobbles or gravels, friable, medium dense, micaceous, contamination begins at 3 feet 10-17': Grey green blue Silty fine SAND with Clay, micaceous, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks (somewhat sticky), black potential chunks/clumps of hydrocarbons 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



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Log of Exploratory Test Pit

Test Pit Number: 7

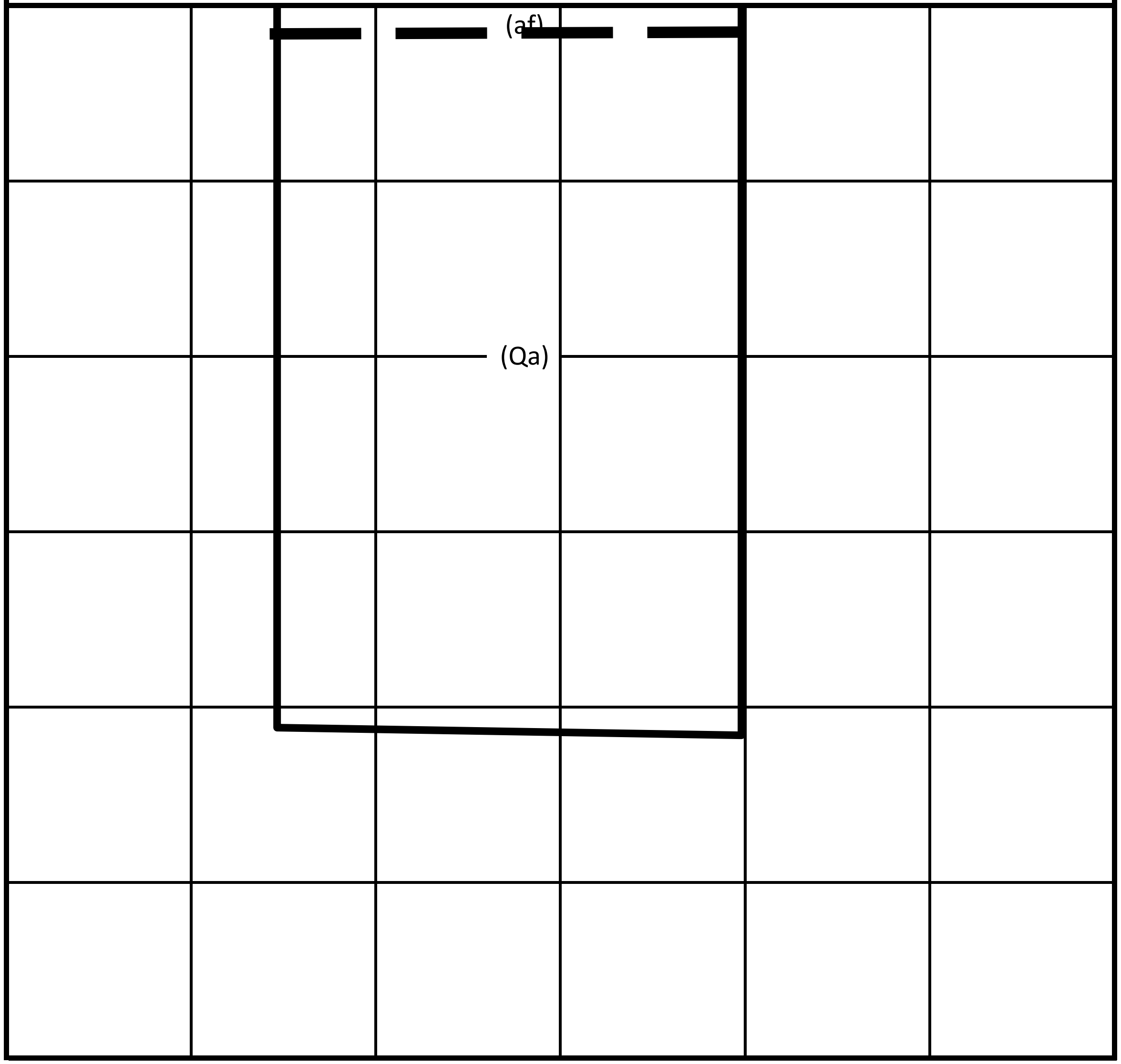
Date: 7/15/2020

Project Name: Solemo 13 Acres
Project Number: 20G-0418
Equipment: Backhoe
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA
Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base **0-0.5'** **Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **0.5-17'** **Quaternary Alluvium (Qa)** 1-10': light grey green blue Silty fine SAND to fine Sandy SILT, dry, friable, medium dense, micaceous, contamination begins at 1 foot 10-17': Grey green blue Silty fine SAND with Clay, micaceous, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks (somewhat sticky), black potential chunks/clumps of hydrocarbons all the way to depth **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



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Log of Exploratory Test Pit

Test Pit Number: 8

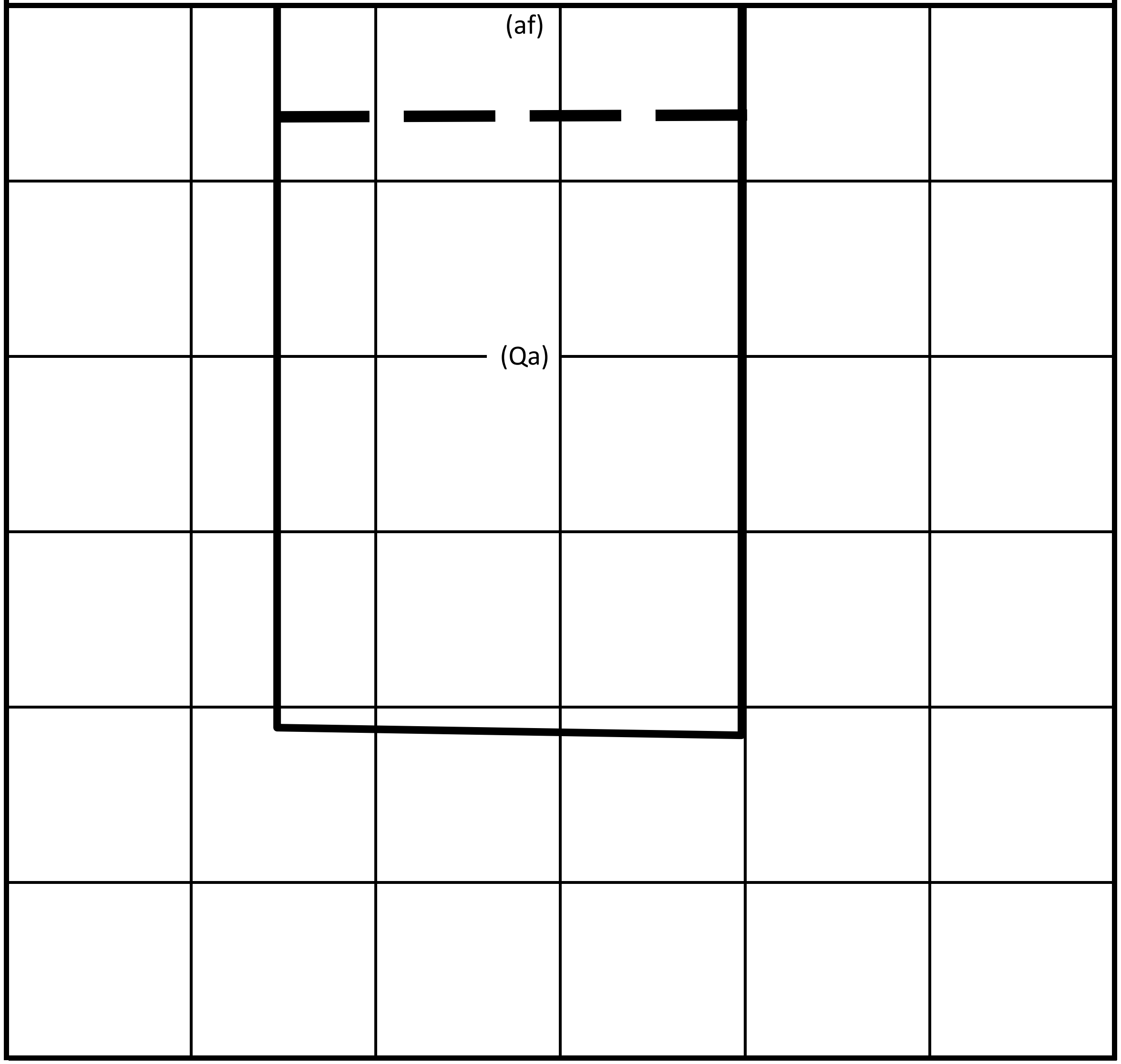
Date: 7/15/2020

Project Name: Solemo 13 Acres
Project Number: 20G-0418
Equipment: Backhoe
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA
Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt with base
	0-1.5' **Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry
	0.5-17' **Quaternary Alluvium (Qa)** 1-13': brown Silty fine SAND to fine Sandy SILT, dry, friable, medium dense, micaceous, contamination begins at 1 foot 13-17': Grey green blue Silty fine SAND with Clay, micaceous, slightly moist, no cobbles or gravels, medium dense, very strong hydrocarbon smell, breaks in chunks (somewhat sticky), black potential chunks/clumps of hydrocarbons all the way to depth 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent
	TD: 17 ft **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



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Log of Exploratory Test Pit

Test Pit Number: 9

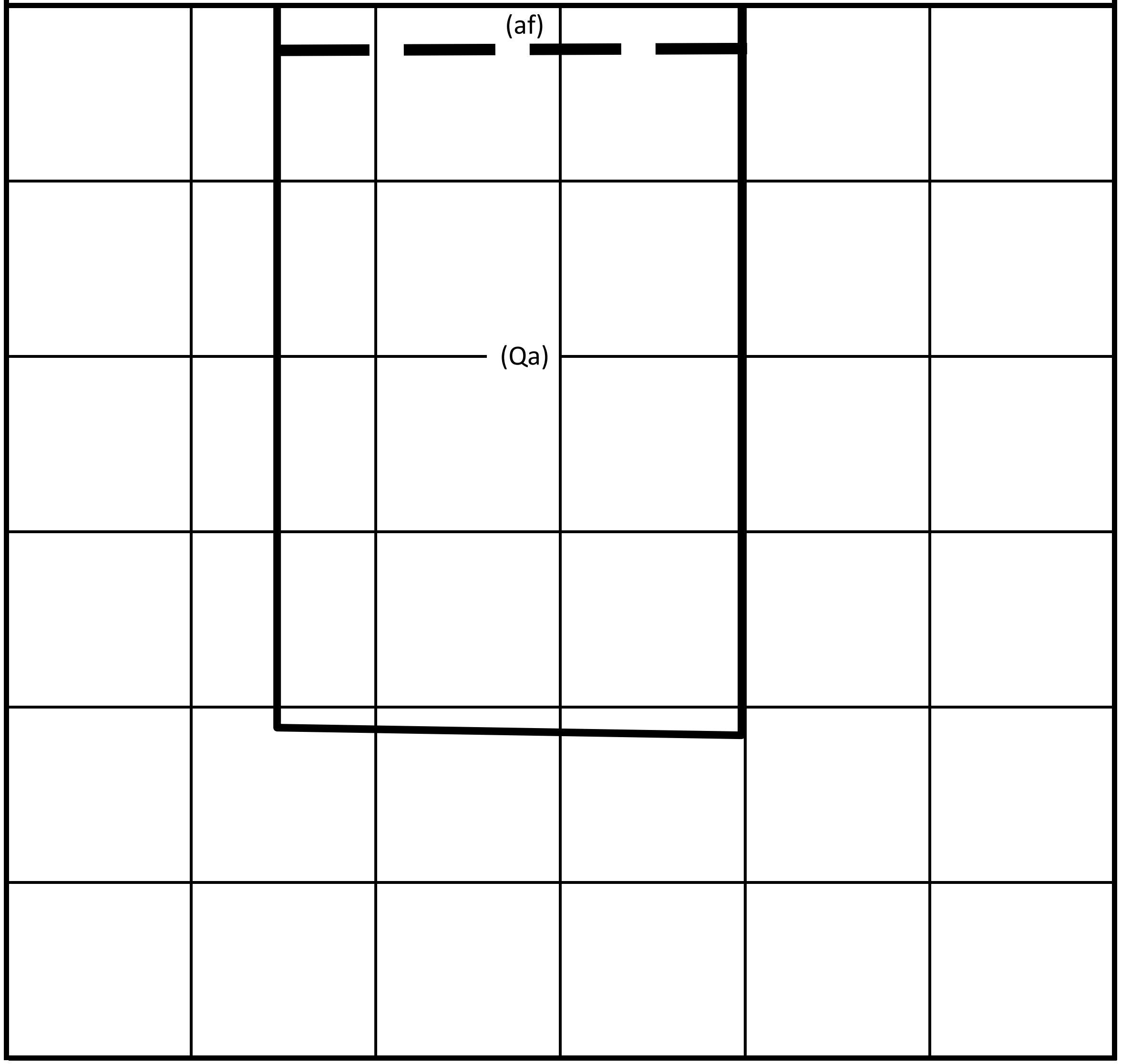
Date: 7/15/2020

Project Name: Solemo 13 Acres
Project Number: 20G-0418
Equipment: Backhoe
Logged By: MRM

Location: 2540 Rosemead Blvd, South El Monte, CA
Notes: Stantec Environmental Test Pits

USCS	Material Description
	Surface: Asphalt (2") with base **0-1' Artificial Fill (af)** Light brown Silty SAND to Sandy SILT, asphalt chunks, dry **1-17' Quaternary Alluvium (Qa)** 1-17': light brown Silty SAND to Sandy SILT, slightly moist, friable, medium dense, micaceous, no detectable contamination/hydrocarbons 17': light grey Course SAND, little to no fines, slightly moist, very friable, medium dense, some gravels, hydrocarbons absent **TD: 17 ft** **No Caving** **No Subsurface Water or Groundwater**

1 inch = 4 feet



APPENDIX B

LABORATORY TESTS

APPENDIX B

B-1.00 LABORATORY TESTS

B-1.01 Maximum Density

Maximum density - optimum moisture relationships for the major soil types encountered during the field exploration were performed in the laboratory using the standard procedures of ASTM D1557.

B-1.02 Particle Size Analysis

Particle size analysis was performed on a representative sample of the on-site soils in accordance with the standard test methods of the ASTM D422. The test results are included in this Appendix B.

B-1.03 Materials Finer than #200

Particle size analysis was performed on representative samples of the on-site soils in accordance with the standard test methods of the ASTM D1140. The test results are presented on the boring logs in Appendix A.

B-1.04 Expansion Tests

Expansion index tests were performed on representative samples of the major soil types encountered by the test methods outlined in ASTM D4829.

B-1.05 Soluble Sulfates

A test was performed on representative sample encountered during the investigation using the California Test Method 417.

B-1.06 Soil Reactivity (pH) and Minimum Resistivity

A near-surface soil samples were tested for soil reactivity (pH) and minimum electrical resistivity using California Test Method 643. The pH measurement determines the degree of acidity or alkalinity in the soils. The minimum resistivity is used as an indicator of how corrosive the soil is relative to buried metallic items.

B-1.07 Moisture Determination

Moisture content of the soil samples was performed in accordance to standard method for determination of water content of soil by drying oven, ASTM D2216. The mass of material remaining after oven drying is used as the mass of the solid particles.

B-1.08 Density of Split-Barrel Samples

The density of ring and tube samples, which were obtained using a split-barrel sampler, were determined in accordance with ASTM D2937. The results of these tests are provided on the boring logs in Appendix A.

B-1.09 Atterberg Limits

The liquid limit, plastic limit, and the plasticity index of the major soil types encountered in the test holes were determined using the standard test methods of ASTM D4318.

B-1.10 Direct Shear

Direct shear test was performed on a representative sample of the major soil types encountered in the test holes

using the standard test method of ASTM D3080 (consolidated and drained). Test was performed on remolded samples. Remolded samples were tested at 90 percent relative compaction. The test results are included in this Appendix B.

Shear tests were performed on a direct shear machine of the strain-controlled type. To simulate possible adverse field conditions, the samples were saturated prior to shearing. Several samples were sheared at varying normal loads and the results plotted to establish the angle of the internal friction and cohesion of the tested samples.

B-1.11 Test Results

Test results for all laboratory tests performed on the subject project are presented in this appendix. For a sample-by-sample description, see the logs presented in Appendix A.

MAXIMUM DENSITY - OPTIMUM MOISTURE
(Test Method: ASTM D1557)

Sample Number	Optimum Moisture (Percent)	Maximum Density (lbs/ft^3)
B1 @ 0-5 ft	9.7	120.1
B2 @ 0-5 ft	13.0	122.0
B3 @ 0-5 ft	10.2	121.9
B5 @ 0-5 ft	12.7	116.5

EXPANSION INDEX
(Test Method: ASTM D4829)

Sample Number	Expansion Index	Classification
B-1 @ 0-5 ft	0	Very Low
B-5 @ 0-5 ft	0	Very Low

SOLUBLE SULFATES
(California Test Methods: 417 & 422)

Sample Number	Soluble Sulfate (ppm)	Chloride Content (ppm)
B-2 @ 0-5 ft	46	36
B-4 @ 0-5 ft	61	26

SOIL REACTIVITY (pH) AND MINIMUM RESISTIVITY

(California Test Method: 643)

Sample Number	pH	Minimum Resistivity (Ohm-cm)
B-2 @ 0-5 ft	8.9	8658
B-4 @ 0-5 ft	8.7	3260

ATTERBERG LIMITS

(Test Method: ASTM D4318)

Sample Number	Liquid Limit (Percent)	Plastic Limit (Percent)	Plasticity Index (Percent)	Water Content (Percent)
B-3 @ 15 ft	42	37	5	12.5
B-6 @ 12.5 ft	61	54	7	54.5

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DIRECT SHEAR TEST
ASTM D3080

Remolded or Undisturbed: Remolded
Maximum Dry Density (pcf) = 122.0
Optimum Moisture Content (%) = 13.0

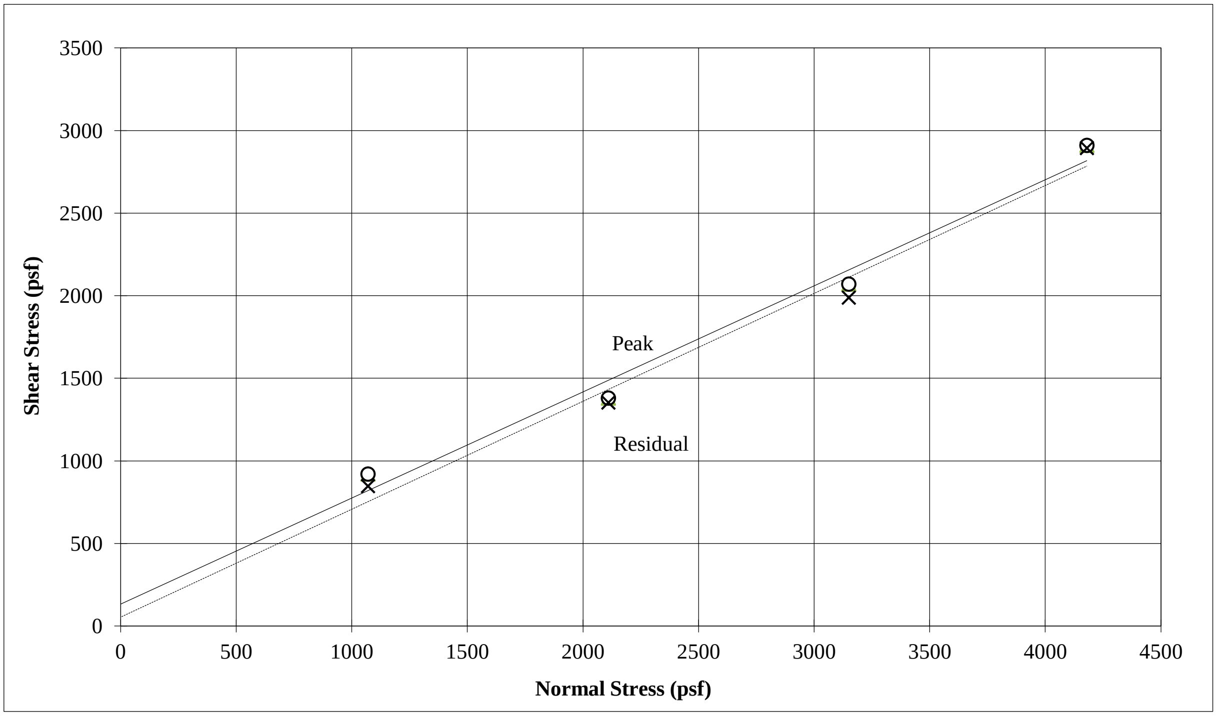
Project ID: 20G-0418-0
Location: B2
Depth: 0-5 feet
Soil Description: Silty Sand

Initial Dry Density (pcf) = 110.4
Relative Compaction (%) = 90%
Initial Moisture Content (%) = 10.7%
Final Moisture Content (%) = 24.6%

Diameter (in)	2.5
Area of sample (in^2)	4.91
Load Ring Constant (lb/in)	4010

Load Applied (g)	Normal Pressure (psf)	Peak		Residual	
		Dial Reading	Shear Resist (psf)	Dial Reading	Shear Resist (psf)
16615	1070	0.0078	920	0.0072	847
32600	2110	0.0117	1380	0.0115	1353
48674	3150	0.0176	2070	0.0169	1988
64681	4180	0.0247	2910	0.0246	2894

	Peak	Residual
Cohesion (psf) =	130	50
Friction Angle (deg) =	33	33



APPENDIX C

GENERAL EARTHWORK
AND
GRADING SPECIFICATIONS

GENERAL EARTHWORK AND GRADING SPECIFICATIONS

C-1.00 GENERAL DESCRIPTION

C-1.01 Introduction

These specifications present our general recommendations for earthwork and grading as shown on the approved grading plans for the subject project. These specifications shall cover all clearing and grubbing, removal of existing structures, preparation of land to be filled, filling of the land, spreading, compaction and control of the fill, and all subsidiary work necessary to complete the grading of the filled areas to conform with the lines, grades and slopes as shown on the approved plans.

The recommendations contained in the geotechnical report of which these general specifications are a part of shall supersede the provisions contained hereinafter in case of conflict.

C-1.02 Laboratory Standard and Field Test Methods

The laboratory standard used to establish the maximum density and optimum moisture shall be ASTM D1557.

The insitu density of earth materials (field compaction tests) shall be determined by the sand cone method (ASTM D1556), direct transmission nuclear method (ASTM D2922) or other test methods as considered appropriate by the geotechnical consultant.

Relative compaction is defined, for purposes of these specifications, as the ratio of the in-place density to the maximum density as determined in the previously mentioned laboratory standard.

C-2.00 Clearing

C-2.01 Surface Clearing

All structures marked for removal, timber, logs, trees, brush and other rubbish shall be removed and disposed of off the site. Any trees to be removed shall be pulled in such a manner so as to remove as much of the root system as possible.

C-2.02 Subsurface Removals

A thorough search should be made for possible underground storage tanks and/or septic tanks and cesspools. If found, tanks should be removed and cesspools pumped dry.

Any concrete irrigation lines shall be crushed in place and all metal underground lines shall be removed from the site.

C-2.03 Backfill of Cavities

All cavities created or exposed during clearing and grubbing operations or by previous use of the site shall be cleared of deleterious material and backfilled with native soils or other materials approved by the soil engineer. Said backfill shall be compacted to a minimum of 90% relative compaction.

C-3.00 ORIGINAL GROUND PREPARATION

C-3.01 Stripping of Vegetation

After the site has been properly cleared, all vegetation and topsoil containing the root systems of former vegetation shall be stripped from areas to be graded. Materials removed in this stripping process may be used as fill in areas designated by the soil engineer, provided the vegetation is mixed with a sufficient amount of soil to assure that no appreciable settlement or other detriment will occur due to decaying of the organic matter. Soil materials containing more than 3% organics shall not be used as structural fill.

C-3.02 Removals of Non-Engineered Fills

Any non-engineered fills encountered during grading shall be completely removed and the underlying ground shall be prepared in accordance to the recommendations for original ground preparation contained in this section. After cleansing of any organic matter the fill material may be used for engineered fill.

C-3.03 Overexcavation of Fill Areas

The existing ground in all areas determined to be satisfactory for the support of fills shall be scarified to a minimum depth of 6 inches. Scarification shall continue until the soils are broken down and free from lumps or clods and until the scarified zone is uniform. The moisture content of the scarified zone shall be adjusted to within 2% of optimum moisture. The scarified zone shall then be uniformly compacted to 90% relative compaction.

Where fill material is to be placed on ground with slopes steeper than 5:1 (H:V) the sloping ground shall be benched. The lowermost bench shall be a minimum of 15 feet wide, shall be a minimum of 2 feet deep, and shall expose firm material as determined by the geotechnical consultant. Other benches shall be excavated to firm material as determined by the geotechnical consultant and shall have a minimum width of 4 feet.

Existing ground that is determined to be unsatisfactory for the support of fills shall be overexcavated in accordance to the recommendations contained in the geotechnical report of which these general specifications are a part.

C-4.00 FILL MATERIALS

C-4.01 General

Materials for the fill shall be free from vegetable matter and other deleterious substances, shall not contain rocks or lumps of a greater dimension than is recommended by the geotechnical consultant, and shall be approved by the geotechnical consultant. Soils of poor gradation, expansion, or strength properties shall be placed in areas designated by the geotechnical consultant or shall be mixed with other soils providing satisfactory fill material.

C-4.02 Oversize Material

Oversize material, rock, or other irreducible material with a maximum dimension greater than 12 inches shall not be placed in fills, unless the location, materials, and disposal methods are specifically approved by the geotechnical consultant. Oversize material shall be placed in such a manner that nesting of oversize material does not occur and in such a manner that the oversize material is completely surrounded by fill material compacted to a minimum of

90% relative compaction. Oversize material shall not be placed within 10 feet of finished grade without the approval of the geotechnical consultant.

C-4.03 Import

Material imported to the site shall conform to the requirements of Section 4.01 of these specifications. Potential import material shall be approved by the geotechnical consultant prior to importation to the subject site.

C-5.00 Placing and Spreading of Fill

C-5.01 Fill Lifts

The selected fill material shall be placed in nearly horizontal layers which when compacted will not exceed approximately 6 inches in thickness. Thicker lifts may be placed if testing indicates the compaction procedures are such that the required compaction is being achieved and the geotechnical consultant approves their use.
Each layer shall be spread evenly and shall be thoroughly blade mixed during the spreading to insure uniformity of material in each layer.

C-5.02 Fill Moisture

When the moisture content of the fill material is below that recommended by the soils engineer, water shall then be added until he moisture content is as specified to assure thorough bonding during the compacting process.

When the moisture content of the fill material is above that recommended by the soils engineer, the fill material shall be aerated by blading or other satisfactory methods until the moisture content is as specified.

C-5.03 Fill Compaction

After each layer has been placed, mixed, and spread evenly, it shall be thoroughly compacted to not less than 90% relative compaction. Compaction shall be by sheepsfoot rollers, multiple-wheel pneumatic tired rollers, or other types approved by the soil engineer.

Rolling shall be accomplished while the fill material is at the specified moisture content. Rolling of each layer shall be continuous over its entire area and the roller shall make sufficient trips to insure that the desired density has been obtained.

C-5.04 Fill Slopes

Fill slopes shall be compacted by means of sheepsfoot rollers or other suitable equipment. Compacting of the slopes may be done progressively in increments of 3 to 4 feet in fill height. At the completion of grading, the slope face shall be compacted to a minimum of 90% relative compaction. This may require track rolling or rolling with a grid roller attached to a tractor mounted side-boom.

Slopes may be over filled and cut back in such a manner that the exposed slope faces are compacted to a minimum of 90% relative compaction.

The fill operation shall be continued in six inch (6") compacted layers, or as specified above, until the fill has been brought to the finished slopes and grades as shown on the accepted plans.

C-5.05 Compaction Testing

Field density tests shall be made by the geotechnical consultant of the compaction of each layer of fill. Density tests shall be made at locations selected by the geotechnical consultant.

Frequency of field density tests shall be not less than one test for each 2.0 feet of fill height and at least every one thousand cubic yards of fill. Where fill slopes exceed four feet in height their finished faces shall be tested at a frequency of one test for each 1000 square feet of slope face.

Where sheepsfoot rollers are used, the soil may be disturbed to a depth of several inches. Density reading shall be taken in the compacted material below the disturbed surface. When these readings indicate that the density of any layer of fill or portion thereof is below the required density, the particular layer or portion shall be reworked until the required density has been obtained.

C-6.00 SUBDRAINS

C-6.01 Subdrain Material

Subdrains shall be constructed of a minimum 4-inch diameter pipe encased in a suitable filter material. The subdrain pipe shall be Schedule 40 Acrylonitrile Butadiene Styrene (ABS) or Schedule 40 Polyvinyl Chloride Plastic (PVC) pipe or approved equivalent. Subdrain pipe shall be installed with perforations down. Filter material shall consist of 3/4" to 1 1/2" clean gravel wrapped in an envelope of filter fabric consisting of Mirafi 140N or approved equivalent.

C-6.02 Subdrain Installation

Subdrain systems, if required, shall be installed in approved ground to conform the approximate alignment and details shown on the plans or herein. The subdrain locations shall not be changed or modified without the approval of the geotechnical consultant. The geotechnical consultant may recommend and direct changes in the subdrain line, grade or material upon approval by the design civil engineer and the appropriate governmental agencies.

C-7.00 EXCAVATIONS

C-7.01 General

Excavations and cut slopes shall be examined by the geotechnical consultant. If determined necessary by the geotechnical consultant, further excavation or overexcavation and refilling of overexcavated areas shall be performed, and/or remedial grading of cut slopes shall be performed.

C-7.02 Fill-Over-Cut Slopes

Where fill-over-cut slopes are to be graded the cut portion of the slope shall be made and approved by the geotechnical consultant prior to placement of materials for construction of the fill portion of the slope.

C-8.00 Trench Backfill

C-8.01 General

Trench backfill within street right of ways shall be compacted to 90% relative compaction as determined by the ASTM D1557 test method. Backfill may be jetted as a means of initial compaction; however, mechanical compaction will be required to obtain the required percentage of relative compaction. If trenches are jetted, there must be a suitable delay for drainage of excess water before mechanical compaction is applied.

C-9.00 Seasonal Limits

C-9.01 General

No fill material shall be placed, spread or rolled while it is frozen or thawing or during unfavorable weather conditions. When the work is interrupted by heavy rain, fill operations shall not be resumed until field tests by the soils engineer indicate that the moisture content and density of the fill are as previously specified.

C-10.00 Supervision

C-10.01 Prior to Grading

The site shall be observed by the geotechnical consultant upon completion of clearing and grubbing, prior to the preparation of any original ground for preparation of fill.

The supervisor of the grading contractor and the field representative of the geotechnical consultant shall have a meeting and discuss the geotechnical aspects of the earthwork prior to commencement of grading.

C-10.02 During Grading

Site preparation of all areas to receive fill shall be tested and approved by the geotechnical consultant prior to the placement of any fill.

The geotechnical consultant or his representative shall observe the fill and compaction operations so that he can provide an opinion regarding the conformance of the work to the recommendations

APPENDIX D

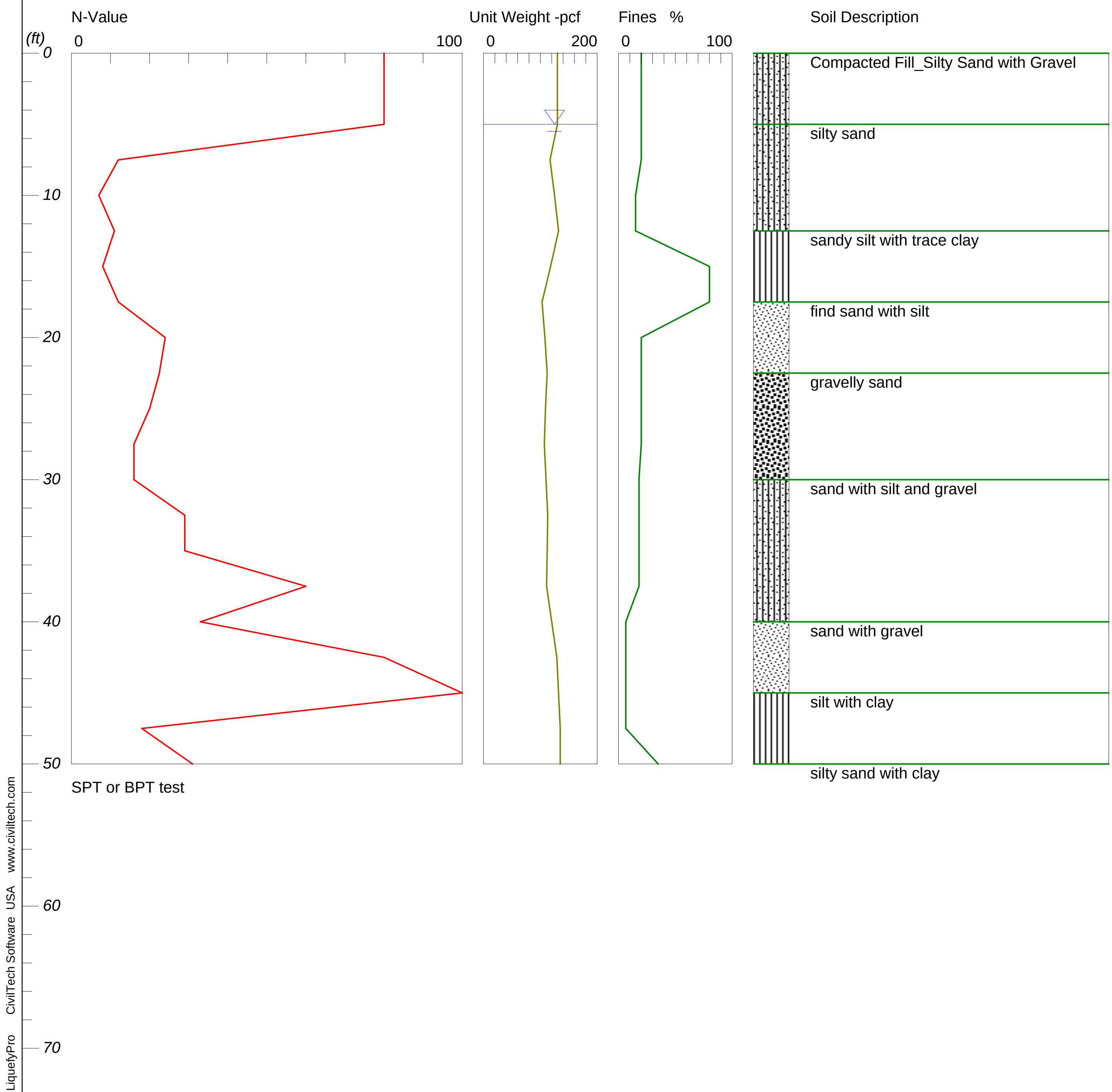
LIQUIFACTION AND SEISMIC SETTLEMENT ANALYSIS
(Figures and Analysis Summary)

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=B-3 Water Depth=5 ft Surface Elev.=240

Magnitude=6.81
Acceleration=0.656g

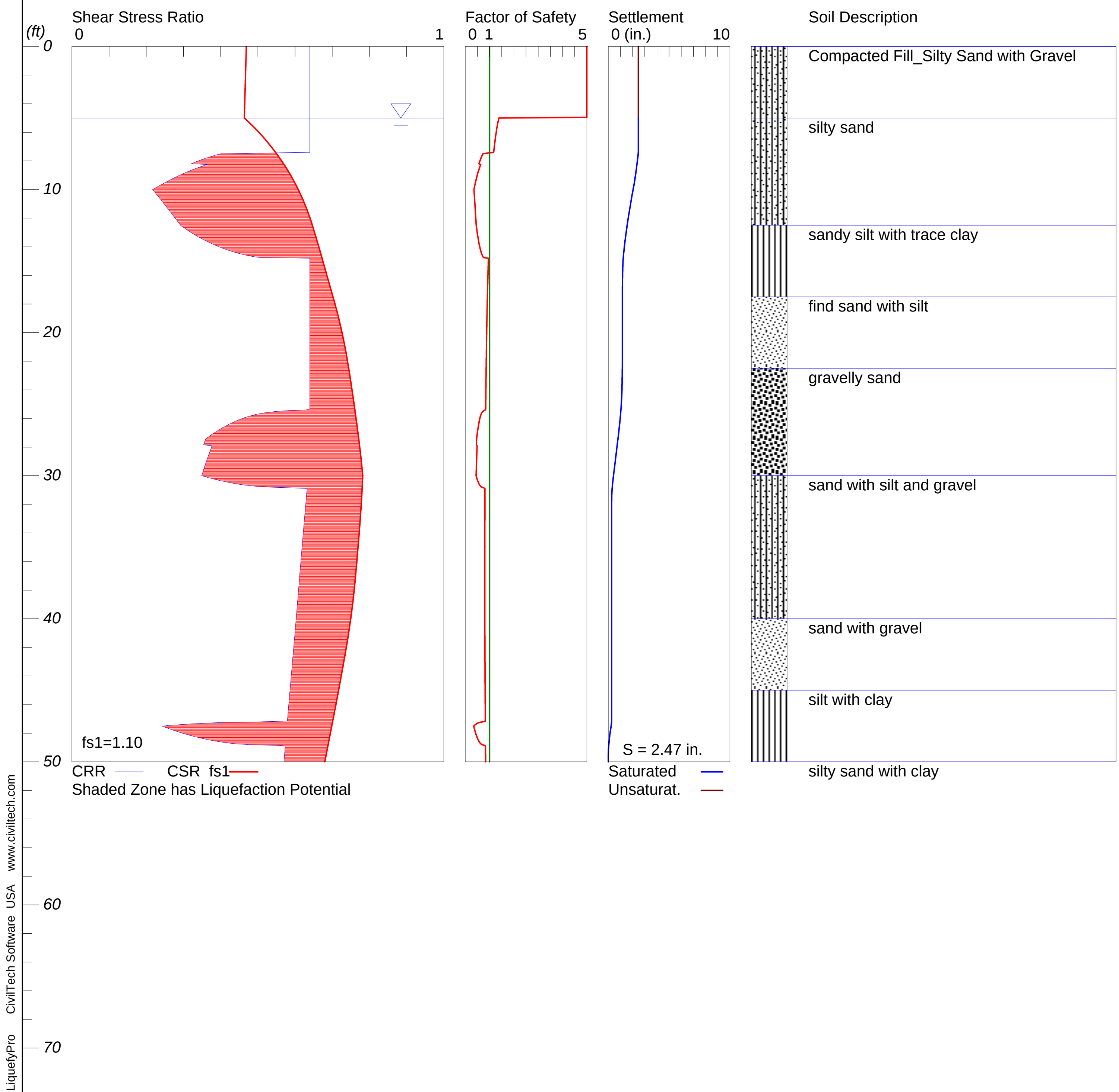


LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=B-3 Water Depth=5 ft Surface Elev.=240

Magnitude=6.81
Acceleration=0.656g



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****

LIQUEFACTION ANALYSIS SUMMARY

****
****

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Input File Name: G:_Projects\2020\20G-0418\Liqefaction Analysis\20G-0418 b3.liq
Title: Solemo 13 Acres
Subtitle: 20G-0418-0

Surface Elev.=240
Hole No.=B-3
Depth of Hole= 50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration= 0.66 g
Earthquake Magnitude= 6.81

Input Data:
Surface Elev.=240
Hole No.=B-3
Depth of Hole=50.00 ft
Water Table during Earthquake= 5.00 ft
Water Table during In-Situ Testing= 60.00 ft
Max. Acceleration=0.66 g
Earthquake Magnitude=6.81
No-Liquefiable Soils: Based on Analysis

1. SPT or BPT Calculation.
2. Settlement Analysis Method: Tokimatsu, M-correction
3. Fines Correction for Liquefaction: Modify Stark/Olson
4. Fine Correction for Settlement: During Liquefaction*
5. Settlement Calculation in: All zones*
6. Hammer Energy Ratio, Ce = 1.25
7. Borehole Diameter, Cb= 1.15
8. Sampling Method, Cs= 1.2
9. User request factor of safety (apply to CSR) , User= 1.1
   Plot one CSR curve (fs1=User)
10. Use Curve Smoothing: Yes*
* Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
0.00	80.00	130.00	20.00
2.50	80.00	130.00	20.00
5.00	80.00	130.00	20.00
7.50	12.00	117.00	20.00
10.00	7.00	125.00	15.00
12.50	11.00	132.00	15.00
15.00	8.00	118.00	80.00
17.50	12.00	103.00	80.00
20.00	24.00	108.00	20.00
22.50	22.50	112.00	20.00

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25.00	20.00	109.00	20.00
27.50	16.00	107.00	20.00
30.00	16.00	110.00	18.00
32.50	29.00	113.00	18.00
35.00	29.00	112.00	18.00
37.50	60.00	111.00	18.00
40.00	33.00	120.00	6.40
42.50	80.00	129.00	6.40
45.00	100.00	132.00	6.40
47.50	18.00	135.00	6.40
50.00	31.00	135.00	34.90

Output Results:

Settlement of Saturated Sands=2.47 in.
Settlement of Unsaturated Sands=0.01 in.
Total Settlement of Saturated and Unsaturated Sands=2.47 in.
Differential Settlement=1.236 to 1.632 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
0.00	0.64	0.47	5.00	2.47	0.01	2.47
0.05	0.64	0.47	5.00	2.47	0.01	2.47
0.10	0.64	0.47	5.00	2.47	0.01	2.47
0.15	0.64	0.47	5.00	2.47	0.01	2.47
0.20	0.64	0.47	5.00	2.47	0.01	2.47
0.25	0.64	0.47	5.00	2.47	0.01	2.47
0.30	0.64	0.47	5.00	2.47	0.01	2.47
0.35	0.64	0.47	5.00	2.47	0.01	2.47
0.40	0.64	0.47	5.00	2.47	0.01	2.47
0.45	0.64	0.47	5.00	2.47	0.01	2.47
0.50	0.64	0.47	5.00	2.47	0.01	2.47
0.55	0.64	0.47	5.00	2.47	0.01	2.47
0.60	0.64	0.47	5.00	2.47	0.01	2.47
0.65	0.64	0.47	5.00	2.47	0.01	2.47
0.70	0.64	0.47	5.00	2.47	0.01	2.47
0.75	0.64	0.47	5.00	2.47	0.01	2.47
0.80	0.64	0.47	5.00	2.47	0.01	2.47
0.85	0.64	0.47	5.00	2.47	0.01	2.47
0.90	0.64	0.47	5.00	2.47	0.01	2.47
0.95	0.64	0.47	5.00	2.47	0.01	2.47
1.00	0.64	0.47	5.00	2.47	0.01	2.47
1.05	0.64	0.47	5.00	2.47	0.01	2.47
1.10	0.64	0.47	5.00	2.47	0.01	2.47
1.15	0.64	0.47	5.00	2.47	0.01	2.47
1.20	0.64	0.47	5.00	2.47	0.01	2.47
1.25	0.64	0.47	5.00	2.47	0.01	2.47
1.30	0.64	0.47	5.00	2.47	0.01	2.47
1.35	0.64	0.47	5.00	2.47	0.01	2.47
1.40	0.64	0.47	5.00	2.47	0.01	2.47
1.45	0.64	0.47	5.00	2.47	0.01	2.47
1.50	0.64	0.47	5.00	2.47	0.01	2.47
1.55	0.64	0.47	5.00	2.47	0.01	2.47
1.60	0.64	0.47	5.00	2.47	0.01	2.47
1.65	0.64	0.47	5.00	2.47	0.01	2.47
1.70	0.64	0.47	5.00	2.47	0.01	2.47
1.75	0.64	0.47	5.00	2.47	0.01	2.47
1.80	0.64	0.47	5.00	2.47	0.00	2.47
1.85	0.64	0.47	5.00	2.47	0.00	2.47
1.90	0.64	0.47	5.00	2.47	0.00	2.47
1.95	0.64	0.47	5.00	2.47	0.00	2.47
2.00	0.64	0.47	5.00	2.47	0.00	2.47

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2.05	0.64	0.47	5.00	2.47	0.00	2.47
2.10	0.64	0.47	5.00	2.47	0.00	2.47
2.15	0.64	0.47	5.00	2.47	0.00	2.47
2.20	0.64	0.47	5.00	2.47	0.00	2.47
2.25	0.64	0.47	5.00	2.47	0.00	2.47
2.30	0.64	0.47	5.00	2.47	0.00	2.47
2.35	0.64	0.47	5.00	2.47	0.00	2.47
2.40	0.64	0.47	5.00	2.47	0.00	2.47
2.45	0.64	0.47	5.00	2.47	0.00	2.47
2.50	0.64	0.47	5.00	2.47	0.00	2.47
2.55	0.64	0.47	5.00	2.47	0.00	2.47
2.60	0.64	0.47	5.00	2.47	0.00	2.47
2.65	0.64	0.47	5.00	2.47	0.00	2.47
2.70	0.64	0.47	5.00	2.47	0.00	2.47
2.75	0.64	0.47	5.00	2.47	0.00	2.47
2.80	0.64	0.47	5.00	2.47	0.00	2.47
2.85	0.64	0.47	5.00	2.47	0.00	2.47
2.90	0.64	0.47	5.00	2.47	0.00	2.47
2.95	0.64	0.47	5.00	2.47	0.00	2.47
3.00	0.64	0.47	5.00	2.47	0.00	2.47
3.05	0.64	0.47	5.00	2.47	0.00	2.47
3.10	0.64	0.47	5.00	2.47	0.00	2.47
3.15	0.64	0.47	5.00	2.47	0.00	2.47
3.20	0.64	0.47	5.00	2.47	0.00	2.47
3.25	0.64	0.47	5.00	2.47	0.00	2.47
3.30	0.64	0.47	5.00	2.47	0.00	2.47
3.35	0.64	0.47	5.00	2.47	0.00	2.47
3.40	0.64	0.47	5.00	2.47	0.00	2.47
3.45	0.64	0.47	5.00	2.47	0.00	2.47
3.50	0.64	0.47	5.00	2.47	0.00	2.47
3.55	0.64	0.47	5.00	2.47	0.00	2.47
3.60	0.64	0.47	5.00	2.47	0.00	2.47
3.65	0.64	0.47	5.00	2.47	0.00	2.47
3.70	0.64	0.46	5.00	2.47	0.00	2.47
3.75	0.64	0.46	5.00	2.47	0.00	2.47
3.80	0.64	0.46	5.00	2.47	0.00	2.47
3.85	0.64	0.46	5.00	2.47	0.00	2.47
3.90	0.64	0.46	5.00	2.47	0.00	2.47
3.95	0.64	0.46	5.00	2.47	0.00	2.47
4.00	0.64	0.46	5.00	2.47	0.00	2.47
4.05	0.64	0.46	5.00	2.47	0.00	2.47
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4.15	0.64	0.46	5.00	2.47	0.00	2.47
4.20	0.64	0.46	5.00	2.47	0.00	2.47
4.25	0.64	0.46	5.00	2.47	0.00	2.47
4.30	0.64	0.46	5.00	2.47	0.00	2.47
4.35	0.64	0.46	5.00	2.47	0.00	2.47
4.40	0.64	0.46	5.00	2.47	0.00	2.47
4.45	0.64	0.46	5.00	2.47	0.00	2.47
4.50	0.64	0.46	5.00	2.47	0.00	2.47
4.55	0.64	0.46	5.00	2.47	0.00	2.47
4.60	0.64	0.46	5.00	2.47	0.00	2.47
4.65	0.64	0.46	5.00	2.47	0.00	2.47
4.70	0.64	0.46	5.00	2.47	0.00	2.47
4.75	0.64	0.46	5.00	2.47	0.00	2.47
4.80	0.64	0.46	5.00	2.47	0.00	2.47
4.85	0.64	0.46	5.00	2.47	0.00	2.47
4.90	0.64	0.46	5.00	2.47	0.00	2.47
4.95	0.64	0.46	5.00	2.47	0.00	2.47
5.00	0.64	0.46	1.38	2.47	0.00	2.47
5.05	0.64	0.47	1.37	2.47	0.00	2.47
5.10	0.64	0.47	1.37	2.47	0.00	2.47
5.15	0.64	0.47	1.36	2.47	0.00	2.47

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5.20    0.64    0.47    1.36    2.47    0.00    2.47
5.25    0.64    0.47    1.35    2.47    0.00    2.47
5.30    0.64    0.48    1.34    2.47    0.00    2.47
5.35    0.64    0.48    1.34    2.47    0.00    2.47
5.40    0.64    0.48    1.33    2.47    0.00    2.47
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5.55    0.64    0.49    1.32    2.47    0.00    2.47
5.60    0.64    0.49    1.31    2.47    0.00    2.47
5.65    0.64    0.49    1.31    2.47    0.00    2.47
5.70    0.64    0.49    1.30    2.47    0.00    2.47
5.75    0.64    0.49    1.30    2.47    0.00    2.47
5.80    0.64    0.50    1.29    2.47    0.00    2.47
5.85    0.64    0.50    1.29    2.47    0.00    2.47
5.90    0.64    0.50    1.28    2.47    0.00    2.47
5.95    0.64    0.50    1.28    2.47    0.00    2.47
6.00    0.64    0.50    1.27    2.47    0.00    2.47
6.05    0.64    0.50    1.27    2.47    0.00    2.47
6.10    0.64    0.51    1.26    2.47    0.00    2.47
6.15    0.64    0.51    1.26    2.47    0.00    2.47
6.20    0.64    0.51    1.26    2.47    0.00    2.47
6.25    0.64    0.51    1.25    2.47    0.00    2.47
6.30    0.64    0.51    1.25    2.47    0.00    2.47
6.35    0.64    0.51    1.24    2.47    0.00    2.47
6.40    0.64    0.52    1.24    2.47    0.00    2.47
6.45    0.64    0.52    1.23    2.47    0.00    2.47
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6.65    0.64    0.52    1.22    2.47    0.00    2.47
6.70    0.64    0.53    1.22    2.47    0.00    2.47
6.75    0.64    0.53    1.21    2.47    0.00    2.47
6.80    0.64    0.53    1.21    2.47    0.00    2.47
6.85    0.64    0.53    1.20    2.47    0.00    2.47
6.90    0.64    0.53    1.20    2.47    0.00    2.47
6.95    0.64    0.53    1.20    2.47    0.00    2.47
7.00    0.64    0.54    1.19    2.47    0.00    2.47
7.05    0.64    0.54    1.19    2.47    0.00    2.47
7.10    0.64    0.54    1.19    2.47    0.00    2.47
7.15    0.64    0.54    1.18    2.47    0.00    2.47
7.20    0.64    0.54    1.18    2.47    0.00    2.47
7.25    0.64    0.54    1.18    2.47    0.00    2.47
7.30    0.64    0.54    1.17    2.47    0.00    2.47
7.35    0.64    0.55    1.17    2.47    0.00    2.47
7.40    0.64    0.55    1.17    2.47    0.00    2.47
7.45    0.50    0.55    0.91*   2.46    0.00    2.46
7.50    0.40    0.55    0.73*   2.46    0.00    2.46
7.55    0.39    0.55    0.71*   2.45    0.00    2.45
7.60    0.39    0.55    0.70*   2.45    0.00    2.45
7.65    0.38    0.55    0.68*   2.44    0.00    2.44
7.70    0.37    0.56    0.67*   2.43    0.00    2.43
7.75    0.37    0.56    0.66*   2.43    0.00    2.43
7.80    0.36    0.56    0.65*   2.42    0.00    2.42
7.85    0.36    0.56    0.63*   2.41    0.00    2.41
7.90    0.35    0.56    0.62*   2.41    0.00    2.41
7.95    0.34    0.56    0.61*   2.40    0.00    2.40
8.00    0.34    0.56    0.60*   2.39    0.00    2.39
8.05    0.33    0.57    0.59*   2.38    0.00    2.38
8.10    0.33    0.57    0.58*   2.38    0.00    2.38
8.15    0.33    0.57    0.57*   2.37    0.00    2.37
8.20    0.32    0.57    0.56*   2.36    0.00    2.36
8.25    0.36    0.57    0.64*   2.35    0.00    2.35
8.30    0.36    0.57    0.63*   2.35    0.00    2.35
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8.35	0.35	0.57	0.61*	2.34	0.00	2.34
8.40	0.35	0.57	0.60*	2.33	0.00	2.33
8.45	0.34	0.58	0.59*	2.32	0.00	2.32
8.50	0.34	0.58	0.58*	2.32	0.00	2.32
8.55	0.33	0.58	0.57*	2.31	0.00	2.31
8.60	0.33	0.58	0.56*	2.30	0.00	2.30
8.65	0.32	0.58	0.55*	2.29	0.00	2.29
8.70	0.32	0.58	0.54*	2.29	0.00	2.29
8.75	0.31	0.58	0.53*	2.28	0.00	2.28
8.80	0.31	0.58	0.53*	2.27	0.00	2.27
8.85	0.30	0.58	0.52*	2.26	0.00	2.26
8.90	0.30	0.59	0.51*	2.25	0.00	2.25
8.95	0.29	0.59	0.50*	2.24	0.00	2.24
9.00	0.29	0.59	0.49*	2.24	0.00	2.24
9.05	0.29	0.59	0.48*	2.23	0.00	2.23
9.10	0.28	0.59	0.48*	2.22	0.00	2.22
9.15	0.28	0.59	0.47*	2.21	0.00	2.21
9.20	0.27	0.59	0.46*	2.20	0.00	2.20
9.25	0.27	0.59	0.45*	2.19	0.00	2.19
9.30	0.27	0.59	0.45*	2.18	0.00	2.18
9.35	0.26	0.60	0.44*	2.17	0.00	2.17
9.40	0.26	0.60	0.43*	2.16	0.00	2.16
9.45	0.26	0.60	0.43*	2.15	0.00	2.15
9.50	0.25	0.60	0.42*	2.14	0.00	2.14
9.55	0.25	0.60	0.41*	2.13	0.00	2.13
9.60	0.24	0.60	0.41*	2.12	0.00	2.12
9.65	0.24	0.60	0.40*	2.11	0.00	2.11
9.70	0.24	0.60	0.39*	2.10	0.00	2.10
9.75	0.23	0.60	0.39*	2.09	0.00	2.09
9.80	0.23	0.60	0.38*	2.08	0.00	2.08
9.85	0.23	0.61	0.38*	2.07	0.00	2.07
9.90	0.22	0.61	0.37*	2.06	0.00	2.06
9.95	0.22	0.61	0.36*	2.05	0.00	2.05
10.00	0.22	0.61	0.36*	2.04	0.00	2.04
10.05	0.22	0.61	0.36*	2.03	0.00	2.03
10.10	0.22	0.61	0.36*	2.02	0.00	2.02
10.15	0.22	0.61	0.36*	2.01	0.00	2.01
10.20	0.22	0.61	0.36*	2.00	0.00	2.00
10.25	0.23	0.61	0.37*	1.99	0.00	1.99
10.30	0.23	0.61	0.37*	1.98	0.00	1.98
10.35	0.23	0.62	0.37*	1.96	0.00	1.96
10.40	0.23	0.62	0.37*	1.95	0.00	1.95
10.45	0.23	0.62	0.38*	1.94	0.00	1.94
10.50	0.23	0.62	0.38*	1.93	0.00	1.93
10.55	0.23	0.62	0.38*	1.92	0.00	1.92
10.60	0.24	0.62	0.38*	1.91	0.00	1.91
10.65	0.24	0.62	0.38*	1.90	0.00	1.90
10.70	0.24	0.62	0.38*	1.89	0.00	1.89
10.75	0.24	0.62	0.39*	1.88	0.00	1.88
10.80	0.24	0.62	0.39*	1.87	0.00	1.87
10.85	0.24	0.62	0.39*	1.86	0.00	1.86
10.90	0.25	0.62	0.39*	1.85	0.00	1.85
10.95	0.25	0.63	0.39*	1.84	0.00	1.84
11.00	0.25	0.63	0.40*	1.83	0.00	1.83
11.05	0.25	0.63	0.40*	1.82	0.00	1.82
11.10	0.25	0.63	0.40*	1.81	0.00	1.81
11.15	0.25	0.63	0.40*	1.80	0.00	1.80
11.20	0.25	0.63	0.40*	1.79	0.00	1.79
11.25	0.26	0.63	0.41*	1.78	0.00	1.78
11.30	0.26	0.63	0.41*	1.77	0.00	1.77
11.35	0.26	0.63	0.41*	1.76	0.00	1.76
11.40	0.26	0.63	0.41*	1.75	0.00	1.75
11.45	0.26	0.63	0.41*	1.74	0.00	1.74

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11.50	0.26	0.63	0.42*	1.73	0.00	1.73
11.55	0.26	0.63	0.42*	1.72	0.00	1.72
11.60	0.27	0.63	0.42*	1.71	0.00	1.71
11.65	0.27	0.64	0.42*	1.70	0.00	1.70
11.70	0.27	0.64	0.42*	1.69	0.00	1.69
11.75	0.27	0.64	0.42*	1.68	0.00	1.68
11.80	0.27	0.64	0.43*	1.68	0.00	1.68
11.85	0.27	0.64	0.43*	1.67	0.00	1.67
11.90	0.27	0.64	0.43*	1.66	0.00	1.66
11.95	0.28	0.64	0.43*	1.65	0.00	1.65
12.00	0.28	0.64	0.43*	1.64	0.00	1.64
12.05	0.28	0.64	0.44*	1.63	0.00	1.63
12.10	0.28	0.64	0.44*	1.62	0.00	1.62
12.15	0.28	0.64	0.44*	1.61	0.00	1.61
12.20	0.28	0.64	0.44*	1.60	0.00	1.60
12.25	0.29	0.64	0.44*	1.59	0.00	1.59
12.30	0.29	0.64	0.44*	1.59	0.00	1.59
12.35	0.29	0.64	0.45*	1.58	0.00	1.58
12.40	0.29	0.65	0.45*	1.57	0.00	1.57
12.45	0.29	0.65	0.45*	1.56	0.00	1.56
12.50	0.29	0.65	0.45*	1.55	0.00	1.55
12.55	0.30	0.65	0.46*	1.54	0.00	1.54
12.60	0.30	0.65	0.46*	1.53	0.00	1.53
12.65	0.30	0.65	0.46*	1.53	0.00	1.53
12.70	0.30	0.65	0.47*	1.52	0.00	1.52
12.75	0.31	0.65	0.47*	1.51	0.00	1.51
12.80	0.31	0.65	0.47*	1.50	0.00	1.50
12.85	0.31	0.65	0.48*	1.49	0.00	1.49
12.90	0.31	0.65	0.48*	1.48	0.00	1.48
12.95	0.32	0.65	0.49*	1.48	0.00	1.48
13.00	0.32	0.65	0.49*	1.47	0.00	1.47
13.05	0.32	0.65	0.50*	1.46	0.00	1.46
13.10	0.33	0.65	0.50*	1.45	0.00	1.45
13.15	0.33	0.65	0.50*	1.44	0.00	1.44
13.20	0.33	0.65	0.51*	1.44	0.00	1.44
13.25	0.34	0.66	0.51*	1.43	0.00	1.43
13.30	0.34	0.66	0.52*	1.42	0.00	1.42
13.35	0.34	0.66	0.52*	1.41	0.00	1.41
13.40	0.35	0.66	0.53*	1.41	0.00	1.41
13.45	0.35	0.66	0.53*	1.40	0.00	1.40
13.50	0.35	0.66	0.54*	1.39	0.00	1.39
13.55	0.36	0.66	0.54*	1.38	0.00	1.38
13.60	0.36	0.66	0.55*	1.38	0.00	1.38
13.65	0.37	0.66	0.55*	1.37	0.00	1.37
13.70	0.37	0.66	0.56*	1.36	0.00	1.36
13.75	0.37	0.66	0.56*	1.36	0.00	1.36
13.80	0.38	0.66	0.57*	1.35	0.00	1.35
13.85	0.38	0.66	0.58*	1.34	0.00	1.34
13.90	0.39	0.66	0.58*	1.34	0.00	1.34
13.95	0.39	0.66	0.59*	1.33	0.00	1.33
14.00	0.40	0.66	0.60*	1.32	0.00	1.32
14.05	0.40	0.66	0.60*	1.32	0.00	1.32
14.10	0.41	0.66	0.61*	1.31	0.00	1.31
14.15	0.41	0.67	0.62*	1.30	0.00	1.30
14.20	0.42	0.67	0.62*	1.30	0.00	1.30
14.25	0.42	0.67	0.63*	1.29	0.00	1.29
14.30	0.43	0.67	0.64*	1.28	0.00	1.28
14.35	0.43	0.67	0.65*	1.28	0.00	1.28
14.40	0.44	0.67	0.66*	1.27	0.00	1.27
14.45	0.45	0.67	0.67*	1.27	0.00	1.27
14.50	0.45	0.67	0.68*	1.26	0.00	1.26
14.55	0.46	0.67	0.69*	1.25	0.00	1.25
14.60	0.47	0.67	0.70*	1.25	0.00	1.25

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14.65   0.48   0.67   0.72*  1.24   0.00   1.24
14.70   0.49   0.67   0.73*  1.24   0.00   1.24
14.75   0.50   0.67   0.75*  1.23   0.00   1.23
14.80   0.64   0.67   0.95*  1.23   0.00   1.23
14.85   0.64   0.67   0.95*  1.22   0.00   1.22
14.90   0.64   0.67   0.95*  1.22   0.00   1.22
14.95   0.64   0.67   0.95*  1.22   0.00   1.22
15.00   0.64   0.67   0.95*  1.21   0.00   1.21
15.05   0.64   0.68   0.95*  1.21   0.00   1.21
15.10   0.64   0.68   0.95*  1.21   0.00   1.21
15.15   0.64   0.68   0.95*  1.20   0.00   1.20
15.20   0.64   0.68   0.95*  1.20   0.00   1.20
15.25   0.64   0.68   0.94*  1.20   0.00   1.20
15.30   0.64   0.68   0.94*  1.20   0.00   1.20
15.35   0.64   0.68   0.94*  1.19   0.00   1.19
15.40   0.64   0.68   0.94*  1.19   0.00   1.19
15.45   0.64   0.68   0.94*  1.19   0.00   1.19
15.50   0.64   0.68   0.94*  1.19   0.00   1.19
15.55   0.64   0.68   0.94*  1.19   0.00   1.19
15.60   0.64   0.68   0.94*  1.18   0.00   1.18
15.65   0.64   0.68   0.94*  1.18   0.00   1.18
15.70   0.64   0.68   0.94*  1.18   0.00   1.18
15.75   0.64   0.68   0.94*  1.18   0.00   1.18
15.80   0.64   0.68   0.94*  1.18   0.00   1.18
15.85   0.64   0.68   0.94*  1.18   0.00   1.18
15.90   0.64   0.68   0.93*  1.18   0.00   1.18
15.95   0.64   0.69   0.93*  1.18   0.00   1.18
16.00   0.64   0.69   0.93*  1.18   0.00   1.18
16.05   0.64   0.69   0.93*  1.17   0.00   1.17
16.10   0.64   0.69   0.93*  1.17   0.00   1.17
16.15   0.64   0.69   0.93*  1.17   0.00   1.17
16.20   0.64   0.69   0.93*  1.17   0.00   1.17
16.25   0.64   0.69   0.93*  1.17   0.00   1.17
16.30   0.64   0.69   0.93*  1.17   0.00   1.17
16.35   0.64   0.69   0.93*  1.17   0.00   1.17
16.40   0.64   0.69   0.93*  1.17   0.00   1.17
16.45   0.64   0.69   0.93*  1.17   0.00   1.17
16.50   0.64   0.69   0.93*  1.17   0.00   1.17
16.55   0.64   0.69   0.93*  1.16   0.00   1.16
16.60   0.64   0.69   0.92*  1.16   0.00   1.16
16.65   0.64   0.69   0.92*  1.16   0.00   1.16
16.70   0.64   0.69   0.92*  1.16   0.00   1.16
16.75   0.64   0.69   0.92*  1.16   0.00   1.16
16.80   0.64   0.69   0.92*  1.16   0.00   1.16
16.85   0.64   0.69   0.92*  1.16   0.00   1.16
16.90   0.64   0.70   0.92*  1.16   0.00   1.16
16.95   0.64   0.70   0.92*  1.16   0.00   1.16
17.00   0.64   0.70   0.92*  1.16   0.00   1.16
17.05   0.64   0.70   0.92*  1.16   0.00   1.16
17.10   0.64   0.70   0.92*  1.16   0.00   1.16
17.15   0.64   0.70   0.92*  1.16   0.00   1.16
17.20   0.64   0.70   0.92*  1.16   0.00   1.16
17.25   0.64   0.70   0.92*  1.16   0.00   1.16
17.30   0.64   0.70   0.91*  1.16   0.00   1.16
17.35   0.64   0.70   0.91*  1.16   0.00   1.16
17.40   0.64   0.70   0.91*  1.16   0.00   1.16
17.45   0.64   0.70   0.91*  1.16   0.00   1.16
17.50   0.64   0.70   0.91*  1.16   0.00   1.16
17.55   0.64   0.70   0.91*  1.16   0.00   1.16
17.60   0.64   0.70   0.91*  1.16   0.00   1.16
17.65   0.64   0.70   0.91*  1.16   0.00   1.16
17.70   0.64   0.70   0.91*  1.16   0.00   1.16
17.75   0.64   0.70   0.91*  1.16   0.00   1.16
```

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17.80   0.64   0.71   0.91*  1.16   0.00   1.16
17.85   0.64   0.71   0.91*  1.16   0.00   1.16
17.90   0.64   0.71   0.91*  1.16   0.00   1.16
17.95   0.64   0.71   0.91*  1.16   0.00   1.16
18.00   0.64   0.71   0.90*  1.16   0.00   1.16
18.05   0.64   0.71   0.90*  1.16   0.00   1.16
18.10   0.64   0.71   0.90*  1.16   0.00   1.16
18.15   0.64   0.71   0.90*  1.16   0.00   1.16
18.20   0.64   0.71   0.90*  1.16   0.00   1.16
18.25   0.64   0.71   0.90*  1.16   0.00   1.16
18.30   0.64   0.71   0.90*  1.16   0.00   1.16
18.35   0.64   0.71   0.90*  1.16   0.00   1.16
18.40   0.64   0.71   0.90*  1.16   0.00   1.16
18.45   0.64   0.71   0.90*  1.16   0.00   1.16
18.50   0.64   0.71   0.90*  1.16   0.00   1.16
18.55   0.64   0.71   0.90*  1.16   0.00   1.16
18.60   0.64   0.71   0.90*  1.16   0.00   1.16
18.65   0.64   0.71   0.90*  1.16   0.00   1.16
18.70   0.64   0.71   0.90*  1.16   0.00   1.16
18.75   0.64   0.72   0.89*  1.16   0.00   1.16
18.80   0.64   0.72   0.89*  1.16   0.00   1.16
18.85   0.64   0.72   0.89*  1.16   0.00   1.16
18.90   0.64   0.72   0.89*  1.16   0.00   1.16
18.95   0.64   0.72   0.89*  1.16   0.00   1.16
19.00   0.64   0.72   0.89*  1.16   0.00   1.16
19.05   0.64   0.72   0.89*  1.16   0.00   1.16
19.10   0.64   0.72   0.89*  1.16   0.00   1.16
19.15   0.64   0.72   0.89*  1.16   0.00   1.16
19.20   0.64   0.72   0.89*  1.16   0.00   1.16
19.25   0.64   0.72   0.89*  1.16   0.00   1.16
19.30   0.64   0.72   0.89*  1.16   0.00   1.16
19.35   0.64   0.72   0.89*  1.16   0.00   1.16
19.40   0.64   0.72   0.89*  1.16   0.00   1.16
19.45   0.64   0.72   0.89*  1.16   0.00   1.16
19.50   0.64   0.72   0.89*  1.16   0.00   1.16
19.55   0.64   0.72   0.89*  1.16   0.00   1.16
19.60   0.64   0.72   0.89*  1.16   0.00   1.16
19.65   0.64   0.72   0.88*  1.16   0.00   1.16
19.70   0.64   0.72   0.88*  1.16   0.00   1.16
19.75   0.64   0.72   0.88*  1.16   0.00   1.16
19.80   0.64   0.72   0.88*  1.16   0.00   1.16
19.85   0.64   0.73   0.88*  1.16   0.00   1.16
19.90   0.64   0.73   0.88*  1.16   0.00   1.16
19.95   0.64   0.73   0.88*  1.16   0.00   1.16
20.00   0.64   0.73   0.88*  1.16   0.00   1.16
20.05   0.64   0.73   0.88*  1.16   0.00   1.16
20.10   0.64   0.73   0.88*  1.16   0.00   1.16
20.15   0.64   0.73   0.88*  1.16   0.00   1.16
20.20   0.64   0.73   0.88*  1.16   0.00   1.16
20.25   0.64   0.73   0.88*  1.16   0.00   1.16
20.30   0.64   0.73   0.88*  1.16   0.00   1.16
20.35   0.64   0.73   0.88*  1.16   0.00   1.16
20.40   0.64   0.73   0.88*  1.16   0.00   1.16
20.45   0.64   0.73   0.88*  1.16   0.00   1.16
20.50   0.64   0.73   0.88*  1.16   0.00   1.16
20.55   0.64   0.73   0.88*  1.16   0.00   1.16
20.60   0.64   0.73   0.88*  1.16   0.00   1.16
20.65   0.64   0.73   0.87*  1.16   0.00   1.16
20.70   0.64   0.73   0.87*  1.16   0.00   1.16
20.75   0.64   0.73   0.87*  1.16   0.00   1.16
20.80   0.64   0.73   0.87*  1.16   0.00   1.16
20.85   0.64   0.73   0.87*  1.16   0.00   1.16
20.90   0.64   0.73   0.87*  1.16   0.00   1.16
```

Liquefy.sum

20.95	0.64	0.73	0.87*	1.16	0.00	1.16
21.00	0.64	0.73	0.87*	1.16	0.00	1.16
21.05	0.64	0.73	0.87*	1.16	0.00	1.16
21.10	0.64	0.73	0.87*	1.16	0.00	1.16
21.15	0.64	0.74	0.87*	1.16	0.00	1.16
21.20	0.64	0.74	0.87*	1.16	0.00	1.16
21.25	0.64	0.74	0.87*	1.16	0.00	1.16
21.30	0.64	0.74	0.87*	1.16	0.00	1.16
21.35	0.64	0.74	0.87*	1.16	0.00	1.16
21.40	0.64	0.74	0.87*	1.16	0.00	1.16
21.45	0.64	0.74	0.87*	1.16	0.00	1.16
21.50	0.64	0.74	0.87*	1.16	0.00	1.16
21.55	0.64	0.74	0.87*	1.16	0.00	1.16
21.60	0.64	0.74	0.87*	1.16	0.00	1.16
21.65	0.64	0.74	0.87*	1.16	0.00	1.16
21.70	0.64	0.74	0.87*	1.16	0.00	1.16
21.75	0.64	0.74	0.87*	1.16	0.00	1.16
21.80	0.64	0.74	0.86*	1.16	0.00	1.16
21.85	0.64	0.74	0.86*	1.16	0.00	1.16
21.90	0.64	0.74	0.86*	1.16	0.00	1.16
21.95	0.64	0.74	0.86*	1.16	0.00	1.16
22.00	0.64	0.74	0.86*	1.16	0.00	1.16
22.05	0.64	0.74	0.86*	1.16	0.00	1.16
22.10	0.64	0.74	0.86*	1.16	0.00	1.16
22.15	0.64	0.74	0.86*	1.16	0.00	1.16
22.20	0.64	0.74	0.86*	1.16	0.00	1.16
22.25	0.64	0.74	0.86*	1.16	0.00	1.16
22.30	0.64	0.74	0.86*	1.16	0.00	1.16
22.35	0.64	0.74	0.86*	1.15	0.00	1.15
22.40	0.64	0.74	0.86*	1.15	0.00	1.15
22.45	0.64	0.74	0.86*	1.15	0.00	1.15
22.50	0.64	0.74	0.86*	1.15	0.00	1.15
22.55	0.64	0.74	0.86*	1.15	0.00	1.15
22.60	0.64	0.74	0.86*	1.15	0.00	1.15
22.65	0.64	0.75	0.86*	1.15	0.00	1.15
22.70	0.64	0.75	0.86*	1.15	0.00	1.15
22.75	0.64	0.75	0.86*	1.15	0.00	1.15
22.80	0.64	0.75	0.86*	1.15	0.00	1.15
22.85	0.64	0.75	0.86*	1.15	0.00	1.15
22.90	0.64	0.75	0.86*	1.15	0.00	1.15
22.95	0.64	0.75	0.86*	1.15	0.00	1.15
23.00	0.64	0.75	0.86*	1.14	0.00	1.14
23.05	0.64	0.75	0.86*	1.14	0.00	1.14
23.10	0.64	0.75	0.86*	1.14	0.00	1.14
23.15	0.64	0.75	0.86*	1.14	0.00	1.14
23.20	0.64	0.75	0.85*	1.14	0.00	1.14
23.25	0.64	0.75	0.85*	1.14	0.00	1.14
23.30	0.64	0.75	0.85*	1.14	0.00	1.14
23.35	0.64	0.75	0.85*	1.14	0.00	1.14
23.40	0.64	0.75	0.85*	1.14	0.00	1.14
23.45	0.64	0.75	0.85*	1.14	0.00	1.14
23.50	0.64	0.75	0.85*	1.14	0.00	1.14
23.55	0.64	0.75	0.85*	1.13	0.00	1.13
23.60	0.64	0.75	0.85*	1.13	0.00	1.13
23.65	0.64	0.75	0.85*	1.13	0.00	1.13
23.70	0.64	0.75	0.85*	1.13	0.00	1.13
23.75	0.64	0.75	0.85*	1.13	0.00	1.13
23.80	0.64	0.75	0.85*	1.13	0.00	1.13
23.85	0.64	0.75	0.85*	1.13	0.00	1.13
23.90	0.64	0.75	0.85*	1.13	0.00	1.13
23.95	0.64	0.75	0.85*	1.12	0.00	1.12
24.00	0.64	0.75	0.85*	1.12	0.00	1.12
24.05	0.64	0.75	0.85*	1.12	0.00	1.12

Liquefy.sum

24.10	0.64	0.75	0.85*	1.12	0.00	1.12
24.15	0.64	0.75	0.85*	1.12	0.00	1.12
24.20	0.64	0.75	0.85*	1.12	0.00	1.12
24.25	0.64	0.75	0.85*	1.11	0.00	1.11
24.30	0.64	0.75	0.85*	1.11	0.00	1.11
24.35	0.64	0.76	0.85*	1.11	0.00	1.11
24.40	0.64	0.76	0.85*	1.11	0.00	1.11
24.45	0.64	0.76	0.85*	1.10	0.00	1.10
24.50	0.64	0.76	0.85*	1.10	0.00	1.10
24.55	0.64	0.76	0.85*	1.10	0.00	1.10
24.60	0.64	0.76	0.85*	1.10	0.00	1.10
24.65	0.64	0.76	0.85*	1.09	0.00	1.09
24.70	0.64	0.76	0.85*	1.09	0.00	1.09
24.75	0.64	0.76	0.84*	1.09	0.00	1.09
24.80	0.64	0.76	0.84*	1.08	0.00	1.08
24.85	0.64	0.76	0.84*	1.08	0.00	1.08
24.90	0.64	0.76	0.84*	1.08	0.00	1.08
24.95	0.64	0.76	0.84*	1.07	0.00	1.07
25.00	0.64	0.76	0.84*	1.07	0.00	1.07
25.05	0.64	0.76	0.84*	1.07	0.00	1.07
25.10	0.64	0.76	0.84*	1.06	0.00	1.06
25.15	0.64	0.76	0.84*	1.06	0.00	1.06
25.20	0.64	0.76	0.84*	1.05	0.00	1.05
25.25	0.64	0.76	0.84*	1.05	0.00	1.05
25.30	0.64	0.76	0.84*	1.05	0.00	1.05
25.35	0.64	0.76	0.84*	1.04	0.00	1.04
25.40	0.63	0.76	0.83*	1.04	0.00	1.04
25.45	0.58	0.76	0.76*	1.03	0.00	1.03
25.50	0.55	0.76	0.73*	1.03	0.00	1.03
25.55	0.53	0.76	0.70*	1.02	0.00	1.02
25.60	0.52	0.76	0.68*	1.02	0.00	1.02
25.65	0.51	0.76	0.67*	1.01	0.00	1.01
25.70	0.50	0.76	0.65*	1.01	0.00	1.01
25.75	0.49	0.76	0.64*	1.00	0.00	1.00
25.80	0.48	0.76	0.63*	1.00	0.00	1.00
25.85	0.48	0.76	0.62*	0.99	0.00	0.99
25.90	0.47	0.76	0.62*	0.99	0.00	0.99
25.95	0.46	0.76	0.61*	0.98	0.00	0.98
26.00	0.46	0.76	0.60*	0.98	0.00	0.98
26.05	0.45	0.76	0.59*	0.97	0.00	0.97
26.10	0.45	0.76	0.59*	0.97	0.00	0.97
26.15	0.44	0.76	0.58*	0.96	0.00	0.96
26.20	0.44	0.77	0.57*	0.96	0.00	0.96
26.25	0.44	0.77	0.57*	0.95	0.00	0.95
26.30	0.43	0.77	0.56*	0.94	0.00	0.94
26.35	0.43	0.77	0.56*	0.94	0.00	0.94
26.40	0.42	0.77	0.55*	0.93	0.00	0.93
26.45	0.42	0.77	0.55*	0.92	0.00	0.92
26.50	0.42	0.77	0.54*	0.92	0.00	0.92
26.55	0.41	0.77	0.54*	0.91	0.00	0.91
26.60	0.41	0.77	0.53*	0.91	0.00	0.91
26.65	0.41	0.77	0.53*	0.90	0.00	0.90
26.70	0.40	0.77	0.52*	0.89	0.00	0.89
26.75	0.40	0.77	0.52*	0.89	0.00	0.89
26.80	0.40	0.77	0.51*	0.88	0.00	0.88
26.85	0.39	0.77	0.51*	0.87	0.00	0.87
26.90	0.39	0.77	0.51*	0.87	0.00	0.87
26.95	0.39	0.77	0.50*	0.86	0.00	0.86
27.00	0.38	0.77	0.50*	0.85	0.00	0.85
27.05	0.38	0.77	0.49*	0.85	0.00	0.85
27.10	0.38	0.77	0.49*	0.84	0.00	0.84
27.15	0.37	0.77	0.49*	0.83	0.00	0.83
27.20	0.37	0.77	0.48*	0.83	0.00	0.83

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27.25   0.37   0.77   0.48*  0.82   0.00   0.82
27.30   0.37   0.77   0.48*  0.81   0.00   0.81
27.35   0.36   0.77   0.47*  0.80   0.00   0.80
27.40   0.36   0.77   0.47*  0.80   0.00   0.80
27.45   0.36   0.77   0.47*  0.79   0.00   0.79
27.50   0.36   0.77   0.46*  0.78   0.00   0.78
27.55   0.36   0.77   0.46*  0.78   0.00   0.78
27.60   0.36   0.77   0.46*  0.77   0.00   0.77
27.65   0.36   0.77   0.46*  0.76   0.00   0.76
27.70   0.36   0.77   0.46*  0.75   0.00   0.75
27.75   0.36   0.77   0.46*  0.75   0.00   0.75
27.80   0.35   0.77   0.46*  0.74   0.00   0.74
27.85   0.35   0.77   0.46*  0.73   0.00   0.73
27.90   0.38   0.77   0.49*  0.73   0.00   0.73
27.95   0.38   0.77   0.49*  0.72   0.00   0.72
28.00   0.38   0.77   0.48*  0.71   0.00   0.71
28.05   0.37   0.77   0.48*  0.70   0.00   0.70
28.10   0.37   0.77   0.48*  0.70   0.00   0.70
28.15   0.37   0.77   0.48*  0.69   0.00   0.69
28.20   0.37   0.77   0.48*  0.68   0.00   0.68
28.25   0.37   0.78   0.48*  0.68   0.00   0.68
28.30   0.37   0.78   0.48*  0.67   0.00   0.67
28.35   0.37   0.78   0.48*  0.66   0.00   0.66
28.40   0.37   0.78   0.48*  0.66   0.00   0.66
28.45   0.37   0.78   0.48*  0.65   0.00   0.65
28.50   0.37   0.78   0.47*  0.64   0.00   0.64
28.55   0.37   0.78   0.47*  0.63   0.00   0.63
28.60   0.37   0.78   0.47*  0.63   0.00   0.63
28.65   0.37   0.78   0.47*  0.62   0.00   0.62
28.70   0.37   0.78   0.47*  0.61   0.00   0.61
28.75   0.36   0.78   0.47*  0.61   0.00   0.61
28.80   0.36   0.78   0.47*  0.60   0.00   0.60
28.85   0.36   0.78   0.47*  0.59   0.00   0.59
28.90   0.36   0.78   0.47*  0.59   0.00   0.59
28.95   0.36   0.78   0.47*  0.58   0.00   0.58
29.00   0.36   0.78   0.46*  0.57   0.00   0.57
29.05   0.36   0.78   0.46*  0.56   0.00   0.56
29.10   0.36   0.78   0.46*  0.56   0.00   0.56
29.15   0.36   0.78   0.46*  0.55   0.00   0.55
29.20   0.36   0.78   0.46*  0.54   0.00   0.54
29.25   0.36   0.78   0.46*  0.54   0.00   0.54
29.30   0.36   0.78   0.46*  0.53   0.00   0.53
29.35   0.36   0.78   0.46*  0.52   0.00   0.52
29.40   0.36   0.78   0.46*  0.51   0.00   0.51
29.45   0.36   0.78   0.46*  0.51   0.00   0.51
29.50   0.36   0.78   0.46*  0.50   0.00   0.50
29.55   0.35   0.78   0.45*  0.49   0.00   0.49
29.60   0.35   0.78   0.45*  0.48   0.00   0.48
29.65   0.35   0.78   0.45*  0.48   0.00   0.48
29.70   0.35   0.78   0.45*  0.47   0.00   0.47
29.75   0.35   0.78   0.45*  0.46   0.00   0.46
29.80   0.35   0.78   0.45*  0.46   0.00   0.46
29.85   0.35   0.78   0.45*  0.45   0.00   0.45
29.90   0.35   0.78   0.45*  0.44   0.00   0.44
29.95   0.35   0.78   0.45*  0.43   0.00   0.43
30.00   0.35   0.78   0.45*  0.43   0.00   0.43
30.05   0.36   0.78   0.45*  0.42   0.00   0.42
30.10   0.36   0.78   0.46*  0.41   0.00   0.41
30.15   0.37   0.78   0.47*  0.41   0.00   0.41
30.20   0.38   0.78   0.48*  0.40   0.00   0.40
30.25   0.38   0.78   0.49*  0.39   0.00   0.39
30.30   0.39   0.78   0.50*  0.38   0.00   0.38
30.35   0.40   0.78   0.51*  0.38   0.00   0.38
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30.40	0.41	0.78	0.52*	0.37	0.00	0.37
30.45	0.42	0.78	0.53*	0.37	0.00	0.37
30.50	0.43	0.78	0.55*	0.36	0.00	0.36
30.55	0.44	0.78	0.56*	0.35	0.00	0.35
30.60	0.45	0.78	0.58*	0.35	0.00	0.35
30.65	0.46	0.78	0.59*	0.34	0.00	0.34
30.70	0.48	0.78	0.61*	0.34	0.00	0.34
30.75	0.50	0.78	0.64*	0.33	0.00	0.33
30.80	0.53	0.78	0.68*	0.33	0.00	0.33
30.85	0.59	0.78	0.76*	0.32	0.00	0.32
30.90	0.63	0.78	0.81*	0.32	0.00	0.32
30.95	0.63	0.78	0.81*	0.31	0.00	0.31
31.00	0.63	0.78	0.81*	0.31	0.00	0.31
31.05	0.63	0.78	0.81*	0.30	0.00	0.30
31.10	0.63	0.78	0.81*	0.30	0.00	0.30
31.15	0.63	0.78	0.81*	0.30	0.00	0.30
31.20	0.63	0.78	0.81*	0.29	0.00	0.29
31.25	0.63	0.78	0.81*	0.29	0.00	0.29
31.30	0.63	0.78	0.81*	0.29	0.00	0.29
31.35	0.63	0.78	0.81*	0.29	0.00	0.29
31.40	0.63	0.78	0.81*	0.29	0.00	0.29
31.45	0.63	0.78	0.81*	0.29	0.00	0.29
31.50	0.63	0.78	0.81*	0.28	0.00	0.28
31.55	0.63	0.78	0.81*	0.28	0.00	0.28
31.60	0.63	0.78	0.81*	0.28	0.00	0.28
31.65	0.63	0.78	0.81*	0.28	0.00	0.28
31.70	0.63	0.78	0.81*	0.28	0.00	0.28
31.75	0.63	0.78	0.81*	0.28	0.00	0.28
31.80	0.63	0.78	0.81*	0.28	0.00	0.28
31.85	0.63	0.78	0.81*	0.28	0.00	0.28
31.90	0.63	0.78	0.81*	0.28	0.00	0.28
31.95	0.63	0.78	0.81*	0.28	0.00	0.28
32.00	0.63	0.78	0.81*	0.28	0.00	0.28
32.05	0.63	0.78	0.81*	0.28	0.00	0.28
32.10	0.63	0.78	0.81*	0.28	0.00	0.28
32.15	0.63	0.78	0.81*	0.28	0.00	0.28
32.20	0.63	0.78	0.81*	0.28	0.00	0.28
32.25	0.63	0.78	0.81*	0.28	0.00	0.28
32.30	0.63	0.78	0.81*	0.28	0.00	0.28
32.35	0.63	0.78	0.81*	0.28	0.00	0.28
32.40	0.63	0.78	0.81*	0.28	0.00	0.28
32.45	0.63	0.78	0.81*	0.28	0.00	0.28
32.50	0.63	0.78	0.81*	0.28	0.00	0.28
32.55	0.63	0.78	0.81*	0.28	0.00	0.28
32.60	0.63	0.78	0.81*	0.28	0.00	0.28
32.65	0.63	0.78	0.81*	0.28	0.00	0.28
32.70	0.63	0.78	0.81*	0.28	0.00	0.28
32.75	0.63	0.78	0.81*	0.28	0.00	0.28
32.80	0.63	0.78	0.81*	0.28	0.00	0.28
32.85	0.63	0.78	0.81*	0.28	0.00	0.28
32.90	0.63	0.78	0.81*	0.28	0.00	0.28
32.95	0.63	0.78	0.81*	0.28	0.00	0.28
33.00	0.63	0.78	0.81*	0.28	0.00	0.28
33.05	0.63	0.78	0.81*	0.28	0.00	0.28
33.10	0.63	0.78	0.81*	0.28	0.00	0.28
33.15	0.62	0.77	0.81*	0.28	0.00	0.28
33.20	0.62	0.77	0.81*	0.28	0.00	0.28
33.25	0.62	0.77	0.81*	0.28	0.00	0.28
33.30	0.62	0.77	0.81*	0.28	0.00	0.28
33.35	0.62	0.77	0.81*	0.28	0.00	0.28
33.40	0.62	0.77	0.81*	0.28	0.00	0.28
33.45	0.62	0.77	0.81*	0.28	0.00	0.28
33.50	0.62	0.77	0.81*	0.28	0.00	0.28

Liquefy.sum

33.55	0.62	0.77	0.81*	0.28	0.00	0.28
33.60	0.62	0.77	0.81*	0.28	0.00	0.28
33.65	0.62	0.77	0.81*	0.28	0.00	0.28
33.70	0.62	0.77	0.81*	0.28	0.00	0.28
33.75	0.62	0.77	0.81*	0.28	0.00	0.28
33.80	0.62	0.77	0.81*	0.28	0.00	0.28
33.85	0.62	0.77	0.81*	0.28	0.00	0.28
33.90	0.62	0.77	0.81*	0.28	0.00	0.28
33.95	0.62	0.77	0.81*	0.28	0.00	0.28
34.00	0.62	0.77	0.81*	0.28	0.00	0.28
34.05	0.62	0.77	0.81*	0.28	0.00	0.28
34.10	0.62	0.77	0.81*	0.28	0.00	0.28
34.15	0.62	0.77	0.81*	0.28	0.00	0.28
34.20	0.62	0.77	0.81*	0.28	0.00	0.28
34.25	0.62	0.77	0.81*	0.28	0.00	0.28
34.30	0.62	0.77	0.80*	0.28	0.00	0.28
34.35	0.62	0.77	0.80*	0.28	0.00	0.28
34.40	0.62	0.77	0.80*	0.28	0.00	0.28
34.45	0.62	0.77	0.80*	0.28	0.00	0.28
34.50	0.62	0.77	0.80*	0.28	0.00	0.28
34.55	0.62	0.77	0.80*	0.28	0.00	0.28
34.60	0.62	0.77	0.80*	0.28	0.00	0.28
34.65	0.62	0.77	0.80*	0.28	0.00	0.28
34.70	0.62	0.77	0.80*	0.28	0.00	0.28
34.75	0.62	0.77	0.80*	0.28	0.00	0.28
34.80	0.62	0.77	0.80*	0.28	0.00	0.28
34.85	0.62	0.77	0.80*	0.28	0.00	0.28
34.90	0.62	0.77	0.80*	0.28	0.00	0.28
34.95	0.62	0.77	0.80*	0.28	0.00	0.28
35.00	0.62	0.77	0.80*	0.28	0.00	0.28
35.05	0.62	0.77	0.80*	0.28	0.00	0.28
35.10	0.62	0.77	0.80*	0.28	0.00	0.28
35.15	0.62	0.77	0.80*	0.28	0.00	0.28
35.20	0.62	0.77	0.80*	0.28	0.00	0.28
35.25	0.62	0.77	0.80*	0.28	0.00	0.28
35.30	0.62	0.77	0.80*	0.28	0.00	0.28
35.35	0.62	0.77	0.80*	0.28	0.00	0.28
35.40	0.62	0.77	0.80*	0.28	0.00	0.28
35.45	0.62	0.77	0.80*	0.28	0.00	0.28
35.50	0.62	0.77	0.80*	0.28	0.00	0.28
35.55	0.62	0.77	0.80*	0.28	0.00	0.28
35.60	0.62	0.77	0.80*	0.28	0.00	0.28
35.65	0.62	0.77	0.80*	0.28	0.00	0.28
35.70	0.62	0.77	0.80*	0.28	0.00	0.28
35.75	0.62	0.77	0.80*	0.28	0.00	0.28
35.80	0.62	0.77	0.80*	0.28	0.00	0.28
35.85	0.62	0.77	0.80*	0.28	0.00	0.28
35.90	0.62	0.77	0.80*	0.28	0.00	0.28
35.95	0.62	0.77	0.80*	0.28	0.00	0.28
36.00	0.62	0.77	0.80*	0.28	0.00	0.28
36.05	0.62	0.77	0.80*	0.28	0.00	0.28
36.10	0.62	0.77	0.80*	0.28	0.00	0.28
36.15	0.62	0.77	0.80*	0.28	0.00	0.28
36.20	0.61	0.77	0.80*	0.28	0.00	0.28
36.25	0.61	0.77	0.80*	0.28	0.00	0.28
36.30	0.61	0.77	0.80*	0.28	0.00	0.28
36.35	0.61	0.76	0.80*	0.28	0.00	0.28
36.40	0.61	0.76	0.80*	0.28	0.00	0.28
36.45	0.61	0.76	0.80*	0.28	0.00	0.28
36.50	0.61	0.76	0.80*	0.28	0.00	0.28
36.55	0.61	0.76	0.80*	0.28	0.00	0.28
36.60	0.61	0.76	0.80*	0.28	0.00	0.28
36.65	0.61	0.76	0.80*	0.28	0.00	0.28

36.70	0.61	0.76	0.80*	0.28	0.00	0.28
36.75	0.61	0.76	0.80*	0.28	0.00	0.28
36.80	0.61	0.76	0.80*	0.28	0.00	0.28
36.85	0.61	0.76	0.80*	0.28	0.00	0.28
36.90	0.61	0.76	0.80*	0.28	0.00	0.28
36.95	0.61	0.76	0.80*	0.28	0.00	0.28
37.00	0.61	0.76	0.80*	0.28	0.00	0.28
37.05	0.61	0.76	0.80*	0.28	0.00	0.28
37.10	0.61	0.76	0.80*	0.28	0.00	0.28
37.15	0.61	0.76	0.80*	0.28	0.00	0.28
37.20	0.61	0.76	0.80*	0.28	0.00	0.28
37.25	0.61	0.76	0.80*	0.28	0.00	0.28
37.30	0.61	0.76	0.80*	0.28	0.00	0.28
37.35	0.61	0.76	0.80*	0.28	0.00	0.28
37.40	0.61	0.76	0.80*	0.28	0.00	0.28
37.45	0.61	0.76	0.80*	0.28	0.00	0.28
37.50	0.61	0.76	0.80*	0.28	0.00	0.28
37.55	0.61	0.76	0.80*	0.28	0.00	0.28
37.60	0.61	0.76	0.80*	0.28	0.00	0.28
37.65	0.61	0.76	0.80*	0.28	0.00	0.28
37.70	0.61	0.76	0.80*	0.28	0.00	0.28
37.75	0.61	0.76	0.80*	0.28	0.00	0.28
37.80	0.61	0.76	0.80*	0.28	0.00	0.28
37.85	0.61	0.76	0.80*	0.28	0.00	0.28
37.90	0.61	0.76	0.80*	0.28	0.00	0.28
37.95	0.61	0.76	0.80*	0.28	0.00	0.28
38.00	0.61	0.76	0.80*	0.28	0.00	0.28
38.05	0.61	0.76	0.80*	0.28	0.00	0.28
38.10	0.61	0.76	0.80*	0.28	0.00	0.28
38.15	0.61	0.76	0.80*	0.28	0.00	0.28
38.20	0.61	0.76	0.80*	0.28	0.00	0.28
38.25	0.61	0.76	0.80*	0.28	0.00	0.28
38.30	0.61	0.76	0.80*	0.28	0.00	0.28
38.35	0.61	0.76	0.80*	0.28	0.00	0.28
38.40	0.61	0.76	0.80*	0.28	0.00	0.28
38.45	0.61	0.76	0.80*	0.28	0.00	0.28
38.50	0.61	0.76	0.80*	0.28	0.00	0.28
38.55	0.61	0.76	0.80*	0.28	0.00	0.28
38.60	0.61	0.76	0.80*	0.28	0.00	0.28
38.65	0.61	0.76	0.80*	0.28	0.00	0.28
38.70	0.61	0.76	0.80*	0.28	0.00	0.28
38.75	0.61	0.76	0.80*	0.28	0.00	0.28
38.80	0.61	0.76	0.80*	0.28	0.00	0.28
38.85	0.61	0.76	0.80*	0.28	0.00	0.28
38.90	0.61	0.76	0.80*	0.28	0.00	0.28
38.95	0.61	0.75	0.80*	0.28	0.00	0.28
39.00	0.61	0.75	0.80*	0.28	0.00	0.28
39.05	0.61	0.75	0.80*	0.28	0.00	0.28
39.10	0.61	0.75	0.80*	0.28	0.00	0.28
39.15	0.61	0.75	0.80*	0.28	0.00	0.28
39.20	0.61	0.75	0.80*	0.28	0.00	0.28
39.25	0.61	0.75	0.80*	0.28	0.00	0.28
39.30	0.61	0.75	0.80*	0.28	0.00	0.28
39.35	0.61	0.75	0.80*	0.28	0.00	0.28
39.40	0.60	0.75	0.80*	0.28	0.00	0.28
39.45	0.60	0.75	0.80*	0.28	0.00	0.28
39.50	0.60	0.75	0.80*	0.28	0.00	0.28
39.55	0.60	0.75	0.80*	0.28	0.00	0.28
39.60	0.60	0.75	0.80*	0.28	0.00	0.28
39.65	0.60	0.75	0.80*	0.28	0.00	0.28
39.70	0.60	0.75	0.80*	0.28	0.00	0.28
39.75	0.60	0.75	0.80*	0.28	0.00	0.28
39.80	0.60	0.75	0.80*	0.28	0.00	0.28

Liquefy.sum

```
39.85    0.60    0.75    0.80*   0.28    0.00    0.28
39.90    0.60    0.75    0.80*   0.28    0.00    0.28
39.95    0.60    0.75    0.80*   0.28    0.00    0.28
40.00    0.60    0.75    0.80*   0.28    0.00    0.28
40.05    0.60    0.75    0.80*   0.28    0.00    0.28
40.10    0.60    0.75    0.80*   0.28    0.00    0.28
40.15    0.60    0.75    0.80*   0.28    0.00    0.28
40.20    0.60    0.75    0.80*   0.28    0.00    0.28
40.25    0.60    0.75    0.80*   0.28    0.00    0.28
40.30    0.60    0.75    0.80*   0.28    0.00    0.28
40.35    0.60    0.75    0.80*   0.28    0.00    0.28
40.40    0.60    0.75    0.80*   0.28    0.00    0.28
40.45    0.60    0.75    0.81*   0.28    0.00    0.28
40.50    0.60    0.75    0.81*   0.28    0.00    0.28
40.55    0.60    0.75    0.81*   0.28    0.00    0.28
40.60    0.60    0.75    0.81*   0.28    0.00    0.28
40.65    0.60    0.75    0.81*   0.28    0.00    0.28
40.70    0.60    0.75    0.81*   0.28    0.00    0.28
40.75    0.60    0.75    0.81*   0.28    0.00    0.28
40.80    0.60    0.75    0.81*   0.28    0.00    0.28
40.85    0.60    0.74    0.81*   0.28    0.00    0.28
40.90    0.60    0.74    0.81*   0.28    0.00    0.28
40.95    0.60    0.74    0.81*   0.28    0.00    0.28
41.00    0.60    0.74    0.81*   0.28    0.00    0.28
41.05    0.60    0.74    0.81*   0.28    0.00    0.28
41.10    0.60    0.74    0.81*   0.28    0.00    0.28
41.15    0.60    0.74    0.81*   0.28    0.00    0.28
41.20    0.60    0.74    0.81*   0.28    0.00    0.28
41.25    0.60    0.74    0.81*   0.28    0.00    0.28
41.30    0.60    0.74    0.81*   0.28    0.00    0.28
41.35    0.60    0.74    0.81*   0.28    0.00    0.28
41.40    0.60    0.74    0.81*   0.28    0.00    0.28
41.45    0.60    0.74    0.81*   0.28    0.00    0.28
41.50    0.60    0.74    0.81*   0.28    0.00    0.28
41.55    0.60    0.74    0.81*   0.28    0.00    0.28
41.60    0.60    0.74    0.81*   0.28    0.00    0.28
41.65    0.60    0.74    0.81*   0.28    0.00    0.28
41.70    0.60    0.74    0.81*   0.28    0.00    0.28
41.75    0.60    0.74    0.81*   0.28    0.00    0.28
41.80    0.60    0.74    0.81*   0.28    0.00    0.28
41.85    0.60    0.74    0.81*   0.28    0.00    0.28
41.90    0.60    0.74    0.81*   0.28    0.00    0.28
41.95    0.60    0.74    0.81*   0.28    0.00    0.28
42.00    0.60    0.74    0.81*   0.28    0.00    0.28
42.05    0.60    0.74    0.81*   0.28    0.00    0.28
42.10    0.60    0.74    0.81*   0.28    0.00    0.28
42.15    0.60    0.74    0.81*   0.28    0.00    0.28
42.20    0.60    0.74    0.81*   0.28    0.00    0.28
42.25    0.60    0.74    0.81*   0.28    0.00    0.28
42.30    0.60    0.74    0.81*   0.28    0.00    0.28
42.35    0.60    0.74    0.81*   0.28    0.00    0.28
42.40    0.60    0.74    0.81*   0.28    0.00    0.28
42.45    0.59    0.73    0.81*   0.28    0.00    0.28
42.50    0.59    0.73    0.81*   0.28    0.00    0.28
42.55    0.59    0.73    0.81*   0.28    0.00    0.28
42.60    0.59    0.73    0.81*   0.28    0.00    0.28
42.65    0.59    0.73    0.81*   0.28    0.00    0.28
42.70    0.59    0.73    0.81*   0.28    0.00    0.28
42.75    0.59    0.73    0.81*   0.28    0.00    0.28
42.80    0.59    0.73    0.81*   0.28    0.00    0.28
42.85    0.59    0.73    0.81*   0.28    0.00    0.28
42.90    0.59    0.73    0.81*   0.28    0.00    0.28
42.95    0.59    0.73    0.81*   0.28    0.00    0.28
```

43.00	0.59	0.73	0.81*	0.28	0.00	0.28
43.05	0.59	0.73	0.81*	0.28	0.00	0.28
43.10	0.59	0.73	0.81*	0.28	0.00	0.28
43.15	0.59	0.73	0.81*	0.28	0.00	0.28
43.20	0.59	0.73	0.81*	0.28	0.00	0.28
43.25	0.59	0.73	0.81*	0.28	0.00	0.28
43.30	0.59	0.73	0.81*	0.28	0.00	0.28
43.35	0.59	0.73	0.81*	0.28	0.00	0.28
43.40	0.59	0.73	0.81*	0.28	0.00	0.28
43.45	0.59	0.73	0.81*	0.28	0.00	0.28
43.50	0.59	0.73	0.81*	0.28	0.00	0.28
43.55	0.59	0.73	0.81*	0.28	0.00	0.28
43.60	0.59	0.73	0.81*	0.28	0.00	0.28
43.65	0.59	0.73	0.81*	0.28	0.00	0.28
43.70	0.59	0.73	0.81*	0.28	0.00	0.28
43.75	0.59	0.73	0.81*	0.28	0.00	0.28
43.80	0.59	0.73	0.81*	0.28	0.00	0.28
43.85	0.59	0.73	0.81*	0.28	0.00	0.28
43.90	0.59	0.72	0.81*	0.28	0.00	0.28
43.95	0.59	0.72	0.81*	0.28	0.00	0.28
44.00	0.59	0.72	0.81*	0.28	0.00	0.28
44.05	0.59	0.72	0.81*	0.28	0.00	0.28
44.10	0.59	0.72	0.81*	0.28	0.00	0.28
44.15	0.59	0.72	0.81*	0.28	0.00	0.28
44.20	0.59	0.72	0.81*	0.28	0.00	0.28
44.25	0.59	0.72	0.82*	0.28	0.00	0.28
44.30	0.59	0.72	0.82*	0.28	0.00	0.28
44.35	0.59	0.72	0.82*	0.28	0.00	0.28
44.40	0.59	0.72	0.82*	0.28	0.00	0.28
44.45	0.59	0.72	0.82*	0.28	0.00	0.28
44.50	0.59	0.72	0.82*	0.28	0.00	0.28
44.55	0.59	0.72	0.82*	0.28	0.00	0.28
44.60	0.59	0.72	0.82*	0.28	0.00	0.28
44.65	0.59	0.72	0.82*	0.28	0.00	0.28
44.70	0.59	0.72	0.82*	0.28	0.00	0.28
44.75	0.59	0.72	0.82*	0.28	0.00	0.28
44.80	0.59	0.72	0.82*	0.28	0.00	0.28
44.85	0.59	0.72	0.82*	0.28	0.00	0.28
44.90	0.59	0.72	0.82*	0.28	0.00	0.28
44.95	0.59	0.72	0.82*	0.28	0.00	0.28
45.00	0.59	0.72	0.82*	0.28	0.00	0.28
45.05	0.59	0.72	0.82*	0.28	0.00	0.28
45.10	0.59	0.72	0.82*	0.28	0.00	0.28
45.15	0.59	0.72	0.82*	0.28	0.00	0.28
45.20	0.59	0.72	0.82*	0.28	0.00	0.28
45.25	0.59	0.72	0.82*	0.28	0.00	0.28
45.30	0.59	0.71	0.82*	0.28	0.00	0.28
45.35	0.59	0.71	0.82*	0.28	0.00	0.28
45.40	0.59	0.71	0.82*	0.28	0.00	0.28
45.45	0.58	0.71	0.82*	0.28	0.00	0.28
45.50	0.58	0.71	0.82*	0.28	0.00	0.28
45.55	0.58	0.71	0.82*	0.28	0.00	0.28
45.60	0.58	0.71	0.82*	0.28	0.00	0.28
45.65	0.58	0.71	0.82*	0.28	0.00	0.28
45.70	0.58	0.71	0.82*	0.28	0.00	0.28
45.75	0.58	0.71	0.82*	0.28	0.00	0.28
45.80	0.58	0.71	0.82*	0.28	0.00	0.28
45.85	0.58	0.71	0.82*	0.28	0.00	0.28
45.90	0.58	0.71	0.82*	0.28	0.00	0.28
45.95	0.58	0.71	0.82*	0.28	0.00	0.28
46.00	0.58	0.71	0.82*	0.28	0.00	0.28
46.05	0.58	0.71	0.82*	0.28	0.00	0.28
46.10	0.58	0.71	0.82*	0.28	0.00	0.28

```
46.15   0.58   0.71   0.82*  0.28   0.00   0.28
46.20   0.58   0.71   0.82*  0.28   0.00   0.28
46.25   0.58   0.71   0.82*  0.28   0.00   0.28
46.30   0.58   0.71   0.82*  0.28   0.00   0.28
46.35   0.58   0.71   0.82*  0.28   0.00   0.28
46.40   0.58   0.71   0.82*  0.28   0.00   0.28
46.45   0.58   0.71   0.82*  0.28   0.00   0.28
46.50   0.58   0.71   0.82*  0.28   0.00   0.28
46.55   0.58   0.71   0.82*  0.28   0.00   0.28
46.60   0.58   0.71   0.82*  0.28   0.00   0.28
46.65   0.58   0.71   0.82*  0.28   0.00   0.28
46.70   0.58   0.70   0.82*  0.28   0.00   0.28
46.75   0.58   0.70   0.82*  0.28   0.00   0.28
46.80   0.58   0.70   0.82*  0.28   0.00   0.28
46.85   0.58   0.70   0.82*  0.28   0.00   0.28
46.90   0.58   0.70   0.83*  0.28   0.00   0.28
46.95   0.58   0.70   0.83*  0.28   0.00   0.28
47.00   0.58   0.70   0.83*  0.28   0.00   0.28
47.05   0.58   0.70   0.83*  0.28   0.00   0.28
47.10   0.58   0.70   0.83*  0.28   0.00   0.28
47.15   0.58   0.70   0.83*  0.28   0.00   0.28
47.20   0.51   0.70   0.73*  0.27   0.00   0.27
47.25   0.40   0.70   0.57*  0.27   0.00   0.27
47.30   0.36   0.70   0.51*  0.26   0.00   0.26
47.35   0.32   0.70   0.46*  0.25   0.00   0.25
47.40   0.29   0.70   0.42*  0.25   0.00   0.25
47.45   0.27   0.70   0.38*  0.24   0.00   0.24
47.50   0.24   0.70   0.35*  0.23   0.00   0.23
47.55   0.25   0.70   0.35*  0.22   0.00   0.22
47.60   0.25   0.70   0.36*  0.21   0.00   0.21
47.65   0.26   0.70   0.37*  0.20   0.00   0.20
47.70   0.26   0.70   0.38*  0.19   0.00   0.19
47.75   0.27   0.70   0.39*  0.19   0.00   0.19
47.80   0.27   0.70   0.39*  0.18   0.00   0.18
47.85   0.28   0.70   0.40*  0.17   0.00   0.17
47.90   0.29   0.70   0.41*  0.16   0.00   0.16
47.95   0.29   0.70   0.42*  0.15   0.00   0.15
48.00   0.30   0.69   0.43*  0.15   0.00   0.15
48.05   0.30   0.69   0.44*  0.14   0.00   0.14
48.10   0.31   0.69   0.45*  0.13   0.00   0.13
48.15   0.32   0.69   0.46*  0.12   0.00   0.12
48.20   0.32   0.69   0.47*  0.12   0.00   0.12
48.25   0.33   0.69   0.48*  0.11   0.00   0.11
48.30   0.34   0.69   0.49*  0.10   0.00   0.10
48.35   0.35   0.69   0.50*  0.09   0.00   0.09
48.40   0.36   0.69   0.52*  0.09   0.00   0.09
48.45   0.37   0.69   0.53*  0.08   0.00   0.08
48.50   0.38   0.69   0.54*  0.07   0.00   0.07
48.55   0.39   0.69   0.56*  0.07   0.00   0.07
48.60   0.40   0.69   0.58*  0.06   0.00   0.06
48.65   0.41   0.69   0.60*  0.06   0.00   0.06
48.70   0.43   0.69   0.62*  0.05   0.00   0.05
48.75   0.45   0.69   0.65*  0.05   0.00   0.05
48.80   0.48   0.69   0.69*  0.04   0.00   0.04
48.85   0.55   0.69   0.80*  0.04   0.00   0.04
48.90   0.57   0.69   0.83*  0.03   0.00   0.03
48.95   0.57   0.69   0.83*  0.03   0.00   0.03
49.00   0.57   0.69   0.83*  0.02   0.00   0.02
49.05   0.57   0.69   0.83*  0.02   0.00   0.02
49.10   0.57   0.69   0.83*  0.02   0.00   0.02
49.15   0.57   0.69   0.83*  0.01   0.00   0.01
49.20   0.57   0.69   0.83*  0.01   0.00   0.01
49.25   0.57   0.69   0.84*  0.01   0.00   0.01
```

49.30	0.57	0.69	0.84*	0.01	0.00	0.01
49.35	0.57	0.68	0.84*	0.01	0.00	0.01
49.40	0.57	0.68	0.84*	0.01	0.00	0.01
49.45	0.57	0.68	0.84*	0.00	0.00	0.00
49.50	0.57	0.68	0.84*	0.00	0.00	0.00
49.55	0.57	0.68	0.84*	0.00	0.00	0.00
49.60	0.57	0.68	0.84*	0.00	0.00	0.00
49.65	0.57	0.68	0.84*	0.00	0.00	0.00
49.70	0.57	0.68	0.84*	0.00	0.00	0.00
49.75	0.57	0.68	0.84*	0.00	0.00	0.00
49.80	0.57	0.68	0.84*	0.00	0.00	0.00
49.85	0.57	0.68	0.84*	0.00	0.00	0.00
49.90	0.57	0.68	0.84*	0.00	0.00	0.00
49.95	0.57	0.68	0.84*	0.00	0.00	0.00
50.00	0.57	0.68	0.84*	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

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1 atm (atmosphere) = 1 tsf (ton/ft2)

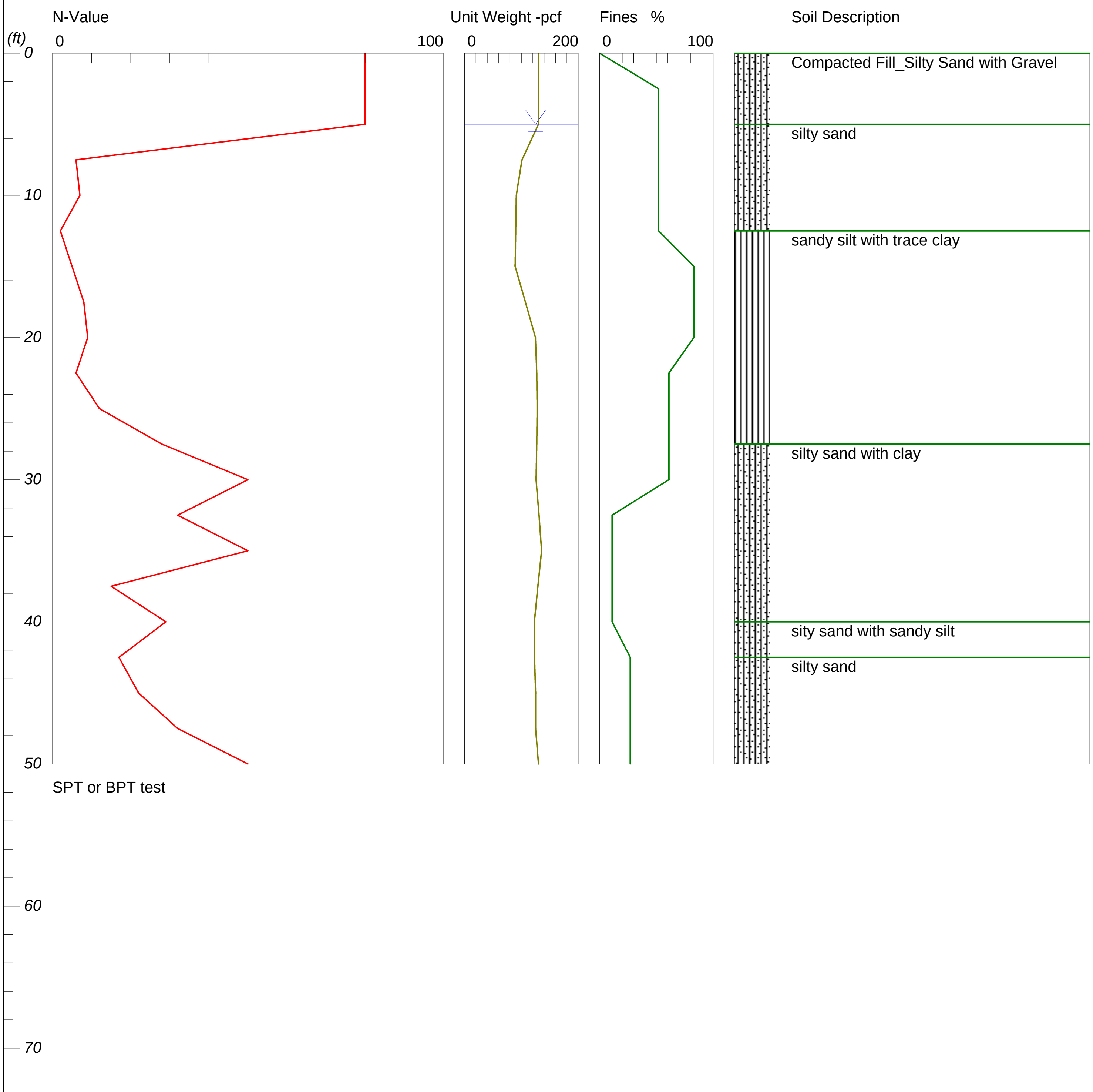
CRRm	Cyclic resistance ratio from soils
CSRsf	Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S.	Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat	Settlement from saturated sands
S_dry	Settlement from Unsaturated Sands
S_all	Total Settlement from Saturated and Unsaturated Sands
NoLiq	No-Liquefy Soils

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=B-6 Water Depth=5 ft Surface Elev.=244

Magnitude=6.81
Acceleration=0.656g



LiquefyPro CivilTech Software USA www.civiltech.com

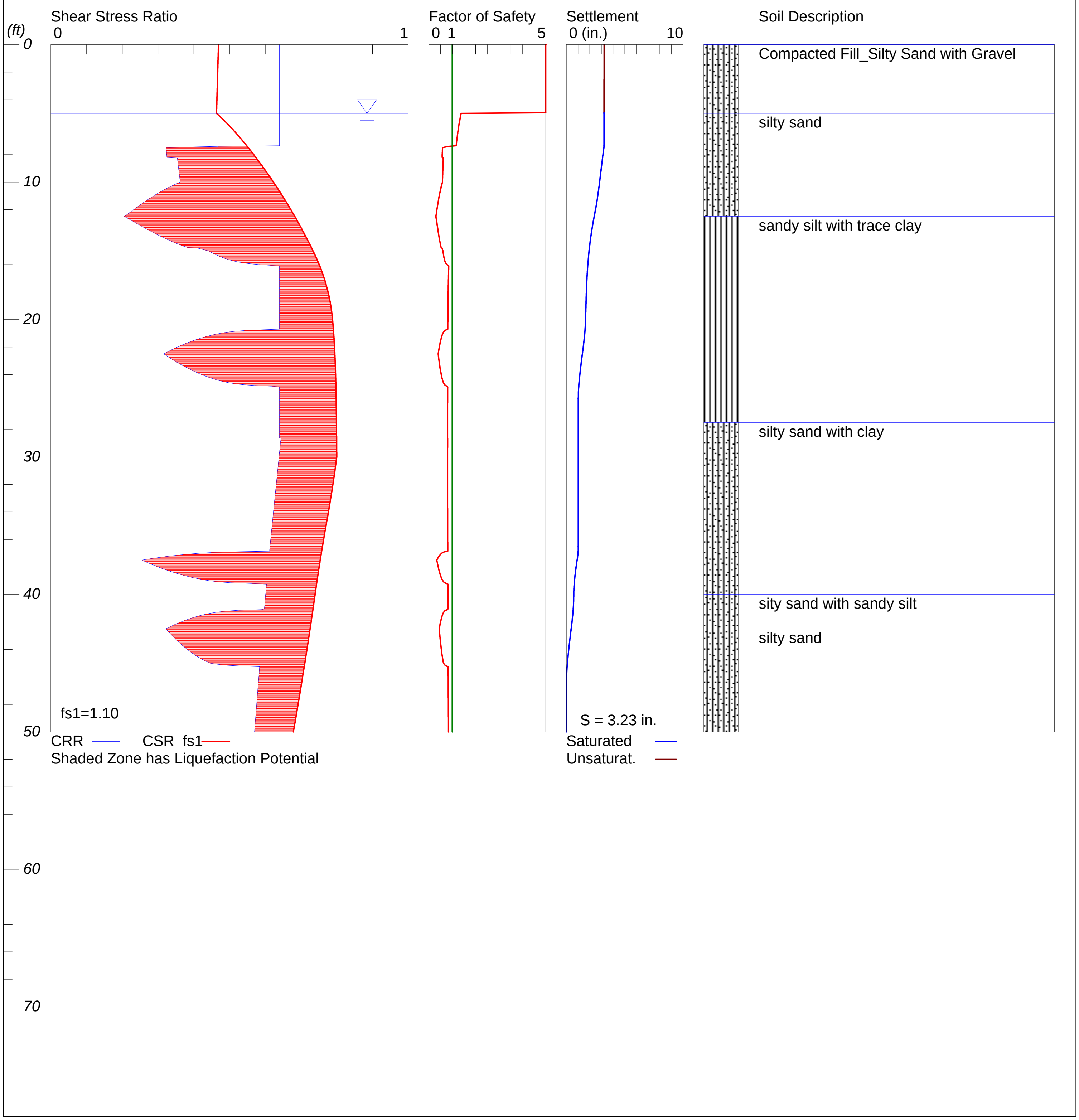
CivilTech Corporation **20G-0418-0**

LIQUEFACTION ANALYSIS

Solemo 13 Acres

Hole No.=B-6 Water Depth=5 ft Surface Elev.=244

Magnitude=6.81
Acceleration=0.656g



Liquefy.sum

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*************************************************************************************
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                                        LIQUEFACTION ANALYSIS SUMMARY

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                                            www.civiltech.com

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        Font: Courier New, Regular, Size 8 is recommended for this report.
        Licensed to ,   8/5/2020        2:53:12 PM

        Input File Name: G:\_Projects\2020\20G-0418\Liqefaction Analysis\20G-0418
b6.liq
        Title:  Solemo 13 Acres
        Subtitle:  20G-0418-0

        Surface Elev.=244
        Hole No.=B-6
        Depth of Hole= 50.00 ft
        Water Table during Earthquake= 5.00 ft
        Water Table during In-Situ Testing= 60.00 ft
        Max. Acceleration= 0.66 g
        Earthquake Magnitude= 6.81

 Input Data:
        Surface Elev.=244
        Hole No.=B-6
        Depth of Hole=50.00 ft
        Water Table during Earthquake= 5.00 ft
        Water Table during In-Situ Testing= 60.00 ft
        Max. Acceleration=0.66 g
        Earthquake Magnitude=6.81
        No-Liquefiable Soils:   Based on Analysis

        1. SPT or BPT Calculation.
        2. Settlement Analysis Method: Tokimatsu, M-correction
        3. Fines Correction for Liquefaction: Modify Stark/Olson
        4. Fine Correction for Settlement: During Liquefaction*
        5. Settlement Calculation in: All zones*
        6. Hammer Energy Ratio,                                    Ce = 1.25
        7. Borehole Diameter,                                          Cb= 1.15
        8. Sampling Method,                                           Cs= 1.2
        9. User request factor of safety (apply to CSR) ,   User= 1.1
           Plot one CSR curve (fs1=User)
        10. Use Curve Smoothing: Yes*
        * Recommended Options

        In-Situ Test Data:
```

Depth ft	SPT	gamma pcf	Fines %
0.00	80.00	130.00	0.00
2.50	80.00	130.00	52.00
5.00	80.00	130.00	52.00
7.50	6.00	101.00	52.00
10.00	7.00	91.00	52.00
12.50	2.00	90.00	52.00
15.00	5.00	89.00	83.00
17.50	8.00	107.00	83.00
20.00	9.00	124.70	83.00
22.50	6.00	127.00	61.00

25.00	12.00	127.80	61.00
27.50	28.00	127.00	61.00
30.00	50.00	125.80	61.00
32.50	32.00	131.00	11.00
35.00	50.00	135.50	11.00
37.50	15.00	129.00	11.00
40.00	29.00	122.80	11.00
42.50	17.00	123.00	27.00
45.00	22.00	125.00	27.00
47.50	32.00	125.00	27.00
50.00	50.00	130.00	27.00

Output Results:

Settlement of Saturated Sands=3.23 in.
Settlement of Unsaturated Sands=0.01 in.
Total Settlement of Saturated and Unsaturated Sands=3.23 in.
Differential Settlement=1.616 to 2.133 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
0.00	0.64	0.47	5.00	3.23	0.01	3.23
0.05	0.64	0.47	5.00	3.23	0.01	3.23
0.10	0.64	0.47	5.00	3.23	0.01	3.23
0.15	0.64	0.47	5.00	3.23	0.01	3.23
0.20	0.64	0.47	5.00	3.23	0.01	3.23
0.25	0.64	0.47	5.00	3.23	0.01	3.23
0.30	0.64	0.47	5.00	3.23	0.01	3.23
0.35	0.64	0.47	5.00	3.23	0.01	3.23
0.40	0.64	0.47	5.00	3.23	0.01	3.23
0.45	0.64	0.47	5.00	3.23	0.01	3.23
0.50	0.64	0.47	5.00	3.23	0.01	3.23
0.55	0.64	0.47	5.00	3.23	0.01	3.23
0.60	0.64	0.47	5.00	3.23	0.01	3.23
0.65	0.64	0.47	5.00	3.23	0.01	3.23
0.70	0.64	0.47	5.00	3.23	0.01	3.23
0.75	0.64	0.47	5.00	3.23	0.01	3.23
0.80	0.64	0.47	5.00	3.23	0.01	3.23
0.85	0.64	0.47	5.00	3.23	0.01	3.23
0.90	0.64	0.47	5.00	3.23	0.01	3.23
0.95	0.64	0.47	5.00	3.23	0.01	3.23
1.00	0.64	0.47	5.00	3.23	0.01	3.23
1.05	0.64	0.47	5.00	3.23	0.01	3.23
1.10	0.64	0.47	5.00	3.23	0.01	3.23
1.15	0.64	0.47	5.00	3.23	0.01	3.23
1.20	0.64	0.47	5.00	3.23	0.01	3.23
1.25	0.64	0.47	5.00	3.23	0.01	3.23
1.30	0.64	0.47	5.00	3.23	0.01	3.23
1.35	0.64	0.47	5.00	3.23	0.01	3.23
1.40	0.64	0.47	5.00	3.23	0.01	3.23
1.45	0.64	0.47	5.00	3.23	0.01	3.23
1.50	0.64	0.47	5.00	3.23	0.01	3.23
1.55	0.64	0.47	5.00	3.23	0.01	3.23
1.60	0.64	0.47	5.00	3.23	0.01	3.23
1.65	0.64	0.47	5.00	3.23	0.01	3.23
1.70	0.64	0.47	5.00	3.23	0.01	3.23
1.75	0.64	0.47	5.00	3.23	0.01	3.23
1.80	0.64	0.47	5.00	3.23	0.00	3.23
1.85	0.64	0.47	5.00	3.23	0.00	3.23
1.90	0.64	0.47	5.00	3.23	0.00	3.23
1.95	0.64	0.47	5.00	3.23	0.00	3.23
2.00	0.64	0.47	5.00	3.23	0.00	3.23

Liquefy.sum

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2.05    0.64    0.47    5.00    3.23    0.00    3.23
2.10    0.64    0.47    5.00    3.23    0.00    3.23
2.15    0.64    0.47    5.00    3.23    0.00    3.23
2.20    0.64    0.47    5.00    3.23    0.00    3.23
2.25    0.64    0.47    5.00    3.23    0.00    3.23
2.30    0.64    0.47    5.00    3.23    0.00    3.23
2.35    0.64    0.47    5.00    3.23    0.00    3.23
2.40    0.64    0.47    5.00    3.23    0.00    3.23
2.45    0.64    0.47    5.00    3.23    0.00    3.23
2.50    0.64    0.47    5.00    3.23    0.00    3.23
2.55    0.64    0.47    5.00    3.23    0.00    3.23
2.60    0.64    0.47    5.00    3.23    0.00    3.23
2.65    0.64    0.47    5.00    3.23    0.00    3.23
2.70    0.64    0.47    5.00    3.23    0.00    3.23
2.75    0.64    0.47    5.00    3.23    0.00    3.23
2.80    0.64    0.47    5.00    3.23    0.00    3.23
2.85    0.64    0.47    5.00    3.23    0.00    3.23
2.90    0.64    0.47    5.00    3.23    0.00    3.23
2.95    0.64    0.47    5.00    3.23    0.00    3.23
3.00    0.64    0.47    5.00    3.23    0.00    3.23
3.05    0.64    0.47    5.00    3.23    0.00    3.23
3.10    0.64    0.47    5.00    3.23    0.00    3.23
3.15    0.64    0.47    5.00    3.23    0.00    3.23
3.20    0.64    0.47    5.00    3.23    0.00    3.23
3.25    0.64    0.47    5.00    3.23    0.00    3.23
3.30    0.64    0.47    5.00    3.23    0.00    3.23
3.35    0.64    0.47    5.00    3.23    0.00    3.23
3.40    0.64    0.47    5.00    3.23    0.00    3.23
3.45    0.64    0.47    5.00    3.23    0.00    3.23
3.50    0.64    0.47    5.00    3.23    0.00    3.23
3.55    0.64    0.47    5.00    3.23    0.00    3.23
3.60    0.64    0.47    5.00    3.23    0.00    3.23
3.65    0.64    0.47    5.00    3.23    0.00    3.23
3.70    0.64    0.46    5.00    3.23    0.00    3.23
3.75    0.64    0.46    5.00    3.23    0.00    3.23
3.80    0.64    0.46    5.00    3.23    0.00    3.23
3.85    0.64    0.46    5.00    3.23    0.00    3.23
3.90    0.64    0.46    5.00    3.23    0.00    3.23
3.95    0.64    0.46    5.00    3.23    0.00    3.23
4.00    0.64    0.46    5.00    3.23    0.00    3.23
4.05    0.64    0.46    5.00    3.23    0.00    3.23
4.10    0.64    0.46    5.00    3.23    0.00    3.23
4.15    0.64    0.46    5.00    3.23    0.00    3.23
4.20    0.64    0.46    5.00    3.23    0.00    3.23
4.25    0.64    0.46    5.00    3.23    0.00    3.23
4.30    0.64    0.46    5.00    3.23    0.00    3.23
4.35    0.64    0.46    5.00    3.23    0.00    3.23
4.40    0.64    0.46    5.00    3.23    0.00    3.23
4.45    0.64    0.46    5.00    3.23    0.00    3.23
4.50    0.64    0.46    5.00    3.23    0.00    3.23
4.55    0.64    0.46    5.00    3.23    0.00    3.23
4.60    0.64    0.46    5.00    3.23    0.00    3.23
4.65    0.64    0.46    5.00    3.23    0.00    3.23
4.70    0.64    0.46    5.00    3.23    0.00    3.23
4.75    0.64    0.46    5.00    3.23    0.00    3.23
4.80    0.64    0.46    5.00    3.23    0.00    3.23
4.85    0.64    0.46    5.00    3.23    0.00    3.23
4.90    0.64    0.46    5.00    3.23    0.00    3.23
4.95    0.64    0.46    5.00    3.23    0.00    3.23
5.00    0.64    0.46    1.38    3.23    0.00    3.23
5.05    0.64    0.47    1.37    3.23    0.00    3.23
5.10    0.64    0.47    1.37    3.23    0.00    3.23
5.15    0.64    0.47    1.36    3.23    0.00    3.23
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5.20    0.64    0.47    1.36    3.23    0.00    3.23
5.25    0.64    0.47    1.35    3.23    0.00    3.23
5.30    0.64    0.48    1.34    3.23    0.00    3.23
5.35    0.64    0.48    1.34    3.23    0.00    3.23
5.40    0.64    0.48    1.33    3.23    0.00    3.23
5.45    0.64    0.48    1.33    3.23    0.00    3.23
5.50    0.64    0.48    1.32    3.23    0.00    3.23
5.55    0.64    0.49    1.32    3.23    0.00    3.23
5.60    0.64    0.49    1.31    3.23    0.00    3.23
5.65    0.64    0.49    1.31    3.23    0.00    3.23
5.70    0.64    0.49    1.30    3.23    0.00    3.23
5.75    0.64    0.49    1.30    3.23    0.00    3.23
5.80    0.64    0.50    1.29    3.23    0.00    3.23
5.85    0.64    0.50    1.29    3.23    0.00    3.23
5.90    0.64    0.50    1.28    3.23    0.00    3.23
5.95    0.64    0.50    1.28    3.23    0.00    3.23
6.00    0.64    0.50    1.27    3.23    0.00    3.23
6.05    0.64    0.50    1.27    3.23    0.00    3.23
6.10    0.64    0.51    1.26    3.23    0.00    3.23
6.15    0.64    0.51    1.26    3.23    0.00    3.23
6.20    0.64    0.51    1.25    3.23    0.00    3.23
6.25    0.64    0.51    1.25    3.23    0.00    3.23
6.30    0.64    0.51    1.25    3.23    0.00    3.23
6.35    0.64    0.52    1.24    3.23    0.00    3.23
6.40    0.64    0.52    1.24    3.23    0.00    3.23
6.45    0.64    0.52    1.23    3.23    0.00    3.23
6.50    0.64    0.52    1.23    3.23    0.00    3.23
6.55    0.64    0.52    1.23    3.23    0.00    3.23
6.60    0.64    0.52    1.22    3.23    0.00    3.23
6.65    0.64    0.53    1.22    3.23    0.00    3.23
6.70    0.64    0.53    1.21    3.23    0.00    3.23
6.75    0.64    0.53    1.21    3.23    0.00    3.23
6.80    0.64    0.53    1.21    3.23    0.00    3.23
6.85    0.64    0.53    1.20    3.23    0.00    3.23
6.90    0.64    0.53    1.20    3.23    0.00    3.23
6.95    0.64    0.54    1.20    3.23    0.00    3.23
7.00    0.64    0.54    1.19    3.23    0.00    3.23
7.05    0.64    0.54    1.19    3.23    0.00    3.23
7.10    0.64    0.54    1.18    3.23    0.00    3.23
7.15    0.64    0.54    1.18    3.23    0.00    3.23
7.20    0.64    0.54    1.18    3.23    0.00    3.23
7.25    0.64    0.54    1.17    3.23    0.00    3.23
7.30    0.64    0.55    1.17    3.23    0.00    3.23
7.35    0.64    0.55    1.17    3.23    0.00    3.23
7.40    0.47    0.55    0.85*   3.22    0.00    3.22
7.45    0.38    0.55    0.69*   3.22    0.00    3.22
7.50    0.32    0.55    0.58*   3.21    0.00    3.21
7.55    0.32    0.55    0.58*   3.20    0.00    3.20
7.60    0.32    0.56    0.58*   3.20    0.00    3.20
7.65    0.32    0.56    0.58*   3.19    0.00    3.19
7.70    0.32    0.56    0.58*   3.18    0.00    3.18
7.75    0.32    0.56    0.58*   3.17    0.00    3.17
7.80    0.32    0.56    0.58*   3.17    0.00    3.17
7.85    0.32    0.56    0.57*   3.16    0.00    3.16
7.90    0.32    0.56    0.57*   3.15    0.00    3.15
7.95    0.32    0.57    0.57*   3.14    0.00    3.14
8.00    0.32    0.57    0.57*   3.13    0.00    3.13
8.05    0.32    0.57    0.57*   3.13    0.00    3.13
8.10    0.32    0.57    0.57*   3.12    0.00    3.12
8.15    0.32    0.57    0.57*   3.11    0.00    3.11
8.20    0.32    0.57    0.57*   3.10    0.00    3.10
8.25    0.35    0.57    0.62*   3.10    0.00    3.10
8.30    0.35    0.58    0.61*   3.09    0.00    3.09
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8.35	0.35	0.58	0.61*	3.08	0.00	3.08
8.40	0.35	0.58	0.61*	3.07	0.00	3.07
8.45	0.35	0.58	0.61*	3.07	0.00	3.07
8.50	0.36	0.58	0.61*	3.06	0.00	3.06
8.55	0.36	0.58	0.61*	3.05	0.00	3.05
8.60	0.36	0.58	0.61*	3.05	0.00	3.05
8.65	0.36	0.59	0.61*	3.04	0.00	3.04
8.70	0.36	0.59	0.61*	3.03	0.00	3.03
8.75	0.36	0.59	0.60*	3.02	0.00	3.02
8.80	0.36	0.59	0.60*	3.02	0.00	3.02
8.85	0.36	0.59	0.60*	3.01	0.00	3.01
8.90	0.36	0.59	0.60*	3.00	0.00	3.00
8.95	0.36	0.59	0.60*	3.00	0.00	3.00
9.00	0.36	0.60	0.60*	2.99	0.00	2.99
9.05	0.36	0.60	0.60*	2.98	0.00	2.98
9.10	0.36	0.60	0.60*	2.97	0.00	2.97
9.15	0.36	0.60	0.60*	2.97	0.00	2.97
9.20	0.36	0.60	0.60*	2.96	0.00	2.96
9.25	0.36	0.60	0.59*	2.95	0.00	2.95
9.30	0.36	0.60	0.59*	2.95	0.00	2.95
9.35	0.36	0.61	0.59*	2.94	0.00	2.94
9.40	0.36	0.61	0.59*	2.93	0.00	2.93
9.45	0.36	0.61	0.59*	2.92	0.00	2.92
9.50	0.36	0.61	0.59*	2.92	0.00	2.92
9.55	0.36	0.61	0.59*	2.91	0.00	2.91
9.60	0.36	0.61	0.59*	2.90	0.00	2.90
9.65	0.36	0.61	0.59*	2.90	0.00	2.90
9.70	0.36	0.61	0.59*	2.89	0.00	2.89
9.75	0.36	0.62	0.59*	2.88	0.00	2.88
9.80	0.36	0.62	0.58*	2.87	0.00	2.87
9.85	0.36	0.62	0.58*	2.87	0.00	2.87
9.90	0.36	0.62	0.58*	2.86	0.00	2.86
9.95	0.36	0.62	0.58*	2.85	0.00	2.85
10.00	0.36	0.62	0.58*	2.85	0.00	2.85
10.05	0.36	0.62	0.57*	2.84	0.00	2.84
10.10	0.35	0.63	0.56*	2.83	0.00	2.83
10.15	0.35	0.63	0.56*	2.82	0.00	2.82
10.20	0.34	0.63	0.55*	2.82	0.00	2.82
10.25	0.34	0.63	0.54*	2.81	0.00	2.81
10.30	0.34	0.63	0.53*	2.80	0.00	2.80
10.35	0.33	0.63	0.53*	2.79	0.00	2.79
10.40	0.33	0.63	0.52*	2.79	0.00	2.79
10.45	0.32	0.63	0.51*	2.78	0.00	2.78
10.50	0.32	0.64	0.51*	2.77	0.00	2.77
10.55	0.32	0.64	0.50*	2.76	0.00	2.76
10.60	0.31	0.64	0.49*	2.75	0.00	2.75
10.65	0.31	0.64	0.49*	2.75	0.00	2.75
10.70	0.31	0.64	0.48*	2.74	0.00	2.74
10.75	0.30	0.64	0.47*	2.73	0.00	2.73
10.80	0.30	0.64	0.47*	2.72	0.00	2.72
10.85	0.30	0.64	0.46*	2.71	0.00	2.71
10.90	0.29	0.65	0.46*	2.70	0.00	2.70
10.95	0.29	0.65	0.45*	2.70	0.00	2.70
11.00	0.29	0.65	0.44*	2.69	0.00	2.69
11.05	0.28	0.65	0.44*	2.68	0.00	2.68
11.10	0.28	0.65	0.43*	2.67	0.00	2.67
11.15	0.28	0.65	0.43*	2.66	0.00	2.66
11.20	0.28	0.65	0.42*	2.65	0.00	2.65
11.25	0.27	0.65	0.42*	2.64	0.00	2.64
11.30	0.27	0.66	0.41*	2.63	0.00	2.63
11.35	0.27	0.66	0.41*	2.62	0.00	2.62
11.40	0.26	0.66	0.40*	2.62	0.00	2.62
11.45	0.26	0.66	0.40*	2.61	0.00	2.61

Liquefy.sum

```
11.50   0.26   0.66   0.39*  2.60   0.00   2.60
11.55   0.26   0.66   0.39*  2.59   0.00   2.59
11.60   0.25   0.66   0.38*  2.58   0.00   2.58
11.65   0.25   0.66   0.38*  2.57   0.00   2.57
11.70   0.25   0.66   0.37*  2.56   0.00   2.56
11.75   0.24   0.67   0.37*  2.55   0.00   2.55
11.80   0.24   0.67   0.36*  2.54   0.00   2.54
11.85   0.24   0.67   0.36*  2.53   0.00   2.53
11.90   0.24   0.67   0.35*  2.52   0.00   2.52
11.95   0.23   0.67   0.35*  2.51   0.00   2.51
12.00   0.23   0.67   0.34*  2.50   0.00   2.50
12.05   0.23   0.67   0.34*  2.48   0.00   2.48
12.10   0.23   0.67   0.34*  2.47   0.00   2.47
12.15   0.22   0.67   0.33*  2.46   0.00   2.46
12.20   0.22   0.68   0.33*  2.45   0.00   2.45
12.25   0.22   0.68   0.32*  2.44   0.00   2.44
12.30   0.22   0.68   0.32*  2.43   0.00   2.43
12.35   0.21   0.68   0.31*  2.42   0.00   2.42
12.40   0.21   0.68   0.31*  2.41   0.00   2.41
12.45   0.21   0.68   0.31*  2.40   0.00   2.40
12.50   0.21   0.68   0.30*  2.38   0.00   2.38
12.55   0.21   0.68   0.31*  2.37   0.00   2.37
12.60   0.21   0.68   0.31*  2.36   0.00   2.36
12.65   0.22   0.69   0.32*  2.35   0.00   2.35
12.70   0.22   0.69   0.32*  2.34   0.00   2.34
12.75   0.22   0.69   0.32*  2.33   0.00   2.33
12.80   0.23   0.69   0.33*  2.32   0.00   2.32
12.85   0.23   0.69   0.33*  2.31   0.00   2.31
12.90   0.23   0.69   0.34*  2.30   0.00   2.30
12.95   0.24   0.69   0.34*  2.28   0.00   2.28
13.00   0.24   0.69   0.35*  2.27   0.00   2.27
13.05   0.24   0.69   0.35*  2.26   0.00   2.26
13.10   0.25   0.70   0.35*  2.25   0.00   2.25
13.15   0.25   0.70   0.36*  2.24   0.00   2.24
13.20   0.25   0.70   0.36*  2.23   0.00   2.23
13.25   0.26   0.70   0.37*  2.22   0.00   2.22
13.30   0.26   0.70   0.37*  2.21   0.00   2.21
13.35   0.26   0.70   0.38*  2.20   0.00   2.20
13.40   0.27   0.70   0.38*  2.20   0.00   2.20
13.45   0.27   0.70   0.39*  2.19   0.00   2.19
13.50   0.27   0.70   0.39*  2.18   0.00   2.18
13.55   0.28   0.70   0.39*  2.17   0.00   2.17
13.60   0.28   0.71   0.40*  2.16   0.00   2.16
13.65   0.29   0.71   0.40*  2.15   0.00   2.15
13.70   0.29   0.71   0.41*  2.14   0.00   2.14
13.75   0.29   0.71   0.41*  2.13   0.00   2.13
13.80   0.30   0.71   0.42*  2.12   0.00   2.12
13.85   0.30   0.71   0.42*  2.11   0.00   2.11
13.90   0.30   0.71   0.43*  2.11   0.00   2.11
13.95   0.31   0.71   0.43*  2.10   0.00   2.10
14.00   0.31   0.71   0.44*  2.09   0.00   2.09
14.05   0.32   0.72   0.44*  2.08   0.00   2.08
14.10   0.32   0.72   0.45*  2.07   0.00   2.07
14.15   0.32   0.72   0.45*  2.07   0.00   2.07
14.20   0.33   0.72   0.46*  2.06   0.00   2.06
14.25   0.33   0.72   0.46*  2.05   0.00   2.05
14.30   0.34   0.72   0.47*  2.04   0.00   2.04
14.35   0.34   0.72   0.47*  2.03   0.00   2.03
14.40   0.35   0.72   0.48*  2.03   0.00   2.03
14.45   0.35   0.72   0.48*  2.02   0.00   2.02
14.50   0.36   0.72   0.49*  2.01   0.00   2.01
14.55   0.36   0.72   0.50*  2.01   0.00   2.01
14.60   0.37   0.73   0.50*  2.00   0.00   2.00
```

14.65	0.37	0.73	0.51*	1.99	0.00	1.99
14.70	0.38	0.73	0.52*	1.98	0.00	1.98
14.75	0.38	0.73	0.52*	1.98	0.00	1.98
14.80	0.41	0.73	0.56*	1.97	0.00	1.97
14.85	0.42	0.73	0.57*	1.96	0.00	1.96
14.90	0.42	0.73	0.58*	1.96	0.00	1.96
14.95	0.43	0.73	0.59*	1.95	0.00	1.95
15.00	0.44	0.73	0.60*	1.95	0.00	1.95
15.05	0.44	0.73	0.61*	1.94	0.00	1.94
15.10	0.45	0.74	0.61*	1.93	0.00	1.93
15.15	0.45	0.74	0.61*	1.93	0.00	1.93
15.20	0.46	0.74	0.62*	1.92	0.00	1.92
15.25	0.46	0.74	0.62*	1.92	0.00	1.92
15.30	0.46	0.74	0.63*	1.91	0.00	1.91
15.35	0.47	0.74	0.63*	1.91	0.00	1.91
15.40	0.47	0.74	0.64*	1.90	0.00	1.90
15.45	0.48	0.74	0.64*	1.89	0.00	1.89
15.50	0.48	0.74	0.65*	1.89	0.00	1.89
15.55	0.49	0.74	0.65*	1.88	0.00	1.88
15.60	0.49	0.74	0.66*	1.88	0.00	1.88
15.65	0.50	0.75	0.67*	1.87	0.00	1.87
15.70	0.51	0.75	0.68*	1.87	0.00	1.87
15.75	0.51	0.75	0.69*	1.86	0.00	1.86
15.80	0.52	0.75	0.70*	1.86	0.00	1.86
15.85	0.53	0.75	0.71*	1.85	0.00	1.85
15.90	0.54	0.75	0.73*	1.85	0.00	1.85
15.95	0.56	0.75	0.75*	1.84	0.00	1.84
16.00	0.58	0.75	0.78*	1.84	0.00	1.84
16.05	0.61	0.75	0.82*	1.84	0.00	1.84
16.10	0.64	0.75	0.85*	1.83	0.00	1.83
16.15	0.64	0.75	0.85*	1.83	0.00	1.83
16.20	0.64	0.75	0.85*	1.82	0.00	1.82
16.25	0.64	0.75	0.85*	1.82	0.00	1.82
16.30	0.64	0.76	0.85*	1.81	0.00	1.81
16.35	0.64	0.76	0.85*	1.81	0.00	1.81
16.40	0.64	0.76	0.85*	1.81	0.00	1.81
16.45	0.64	0.76	0.84*	1.80	0.00	1.80
16.50	0.64	0.76	0.84*	1.80	0.00	1.80
16.55	0.64	0.76	0.84*	1.79	0.00	1.79
16.60	0.64	0.76	0.84*	1.79	0.00	1.79
16.65	0.64	0.76	0.84*	1.79	0.00	1.79
16.70	0.64	0.76	0.84*	1.78	0.00	1.78
16.75	0.64	0.76	0.84*	1.78	0.00	1.78
16.80	0.64	0.76	0.84*	1.78	0.00	1.78
16.85	0.64	0.76	0.84*	1.77	0.00	1.77
16.90	0.64	0.76	0.84*	1.77	0.00	1.77
16.95	0.64	0.76	0.84*	1.77	0.00	1.77
17.00	0.64	0.76	0.84*	1.76	0.00	1.76
17.05	0.64	0.77	0.84*	1.76	0.00	1.76
17.10	0.64	0.77	0.84*	1.76	0.00	1.76
17.15	0.64	0.77	0.83*	1.75	0.00	1.75
17.20	0.64	0.77	0.83*	1.75	0.00	1.75
17.25	0.64	0.77	0.83*	1.75	0.00	1.75
17.30	0.64	0.77	0.83*	1.75	0.00	1.75
17.35	0.64	0.77	0.83*	1.74	0.00	1.74
17.40	0.64	0.77	0.83*	1.74	0.00	1.74
17.45	0.64	0.77	0.83*	1.74	0.00	1.74
17.50	0.64	0.77	0.83*	1.74	0.00	1.74
17.55	0.64	0.77	0.83*	1.73	0.00	1.73
17.60	0.64	0.77	0.83*	1.73	0.00	1.73
17.65	0.64	0.77	0.83*	1.73	0.00	1.73
17.70	0.64	0.77	0.83*	1.73	0.00	1.73
17.75	0.64	0.77	0.83*	1.72	0.00	1.72

17.80	0.64	0.77	0.83*	1.72	0.00	1.72
17.85	0.64	0.77	0.83*	1.72	0.00	1.72
17.90	0.64	0.77	0.83*	1.72	0.00	1.72
17.95	0.64	0.78	0.83*	1.72	0.00	1.72
18.00	0.64	0.78	0.83*	1.71	0.00	1.71
18.05	0.64	0.78	0.82*	1.71	0.00	1.71
18.10	0.64	0.78	0.82*	1.71	0.00	1.71
18.15	0.64	0.78	0.82*	1.71	0.00	1.71
18.20	0.64	0.78	0.82*	1.71	0.00	1.71
18.25	0.64	0.78	0.82*	1.70	0.00	1.70
18.30	0.64	0.78	0.82*	1.70	0.00	1.70
18.35	0.64	0.78	0.82*	1.70	0.00	1.70
18.40	0.64	0.78	0.82*	1.70	0.00	1.70
18.45	0.64	0.78	0.82*	1.70	0.00	1.70
18.50	0.64	0.78	0.82*	1.69	0.00	1.69
18.55	0.64	0.78	0.82*	1.69	0.00	1.69
18.60	0.64	0.78	0.82*	1.69	0.00	1.69
18.65	0.64	0.78	0.82*	1.69	0.00	1.69
18.70	0.64	0.78	0.82*	1.69	0.00	1.69
18.75	0.64	0.78	0.82*	1.69	0.00	1.69
18.80	0.64	0.78	0.82*	1.68	0.00	1.68
18.85	0.64	0.78	0.82*	1.68	0.00	1.68
18.90	0.64	0.78	0.82*	1.68	0.00	1.68
18.95	0.64	0.78	0.82*	1.68	0.00	1.68
19.00	0.64	0.78	0.82*	1.68	0.00	1.68
19.05	0.64	0.78	0.82*	1.68	0.00	1.68
19.10	0.64	0.78	0.82*	1.67	0.00	1.67
19.15	0.64	0.78	0.82*	1.67	0.00	1.67
19.20	0.64	0.78	0.82*	1.67	0.00	1.67
19.25	0.64	0.78	0.82*	1.67	0.00	1.67
19.30	0.64	0.79	0.82*	1.67	0.00	1.67
19.35	0.64	0.79	0.81*	1.67	0.00	1.67
19.40	0.64	0.79	0.81*	1.66	0.00	1.66
19.45	0.64	0.79	0.81*	1.66	0.00	1.66
19.50	0.64	0.79	0.81*	1.66	0.00	1.66
19.55	0.64	0.79	0.81*	1.66	0.00	1.66
19.60	0.64	0.79	0.81*	1.66	0.00	1.66
19.65	0.64	0.79	0.81*	1.66	0.00	1.66
19.70	0.64	0.79	0.81*	1.65	0.00	1.65
19.75	0.64	0.79	0.81*	1.65	0.00	1.65
19.80	0.64	0.79	0.81*	1.65	0.00	1.65
19.85	0.64	0.79	0.81*	1.65	0.00	1.65
19.90	0.64	0.79	0.81*	1.65	0.00	1.65
19.95	0.64	0.79	0.81*	1.65	0.00	1.65
20.00	0.64	0.79	0.81*	1.65	0.00	1.65
20.05	0.64	0.79	0.81*	1.64	0.00	1.64
20.10	0.64	0.79	0.81*	1.64	0.00	1.64
20.15	0.64	0.79	0.81*	1.64	0.00	1.64
20.20	0.64	0.79	0.81*	1.64	0.00	1.64
20.25	0.64	0.79	0.81*	1.64	0.00	1.64
20.30	0.64	0.79	0.81*	1.63	0.00	1.63
20.35	0.64	0.79	0.81*	1.63	0.00	1.63
20.40	0.64	0.79	0.81*	1.63	0.00	1.63
20.45	0.64	0.79	0.81*	1.62	0.00	1.62
20.50	0.64	0.79	0.81*	1.62	0.00	1.62
20.55	0.64	0.79	0.81*	1.62	0.00	1.62
20.60	0.64	0.79	0.81*	1.61	0.00	1.61
20.65	0.64	0.79	0.81*	1.61	0.00	1.61
20.70	0.64	0.79	0.81*	1.60	0.00	1.60
20.75	0.58	0.79	0.74*	1.60	0.00	1.60
20.80	0.54	0.79	0.68*	1.60	0.00	1.60
20.85	0.52	0.79	0.65*	1.59	0.00	1.59
20.90	0.50	0.79	0.63*	1.59	0.00	1.59

Liquefy.sum

```
20.95   0.49   0.79   0.61*  1.58   0.00   1.58
21.00   0.47   0.79   0.60*  1.58   0.00   1.58
21.05   0.46   0.79   0.59*  1.57   0.00   1.57
21.10   0.46   0.79   0.58*  1.57   0.00   1.57
21.15   0.45   0.79   0.57*  1.56   0.00   1.56
21.20   0.44   0.79   0.56*  1.55   0.00   1.55
21.25   0.43   0.79   0.55*  1.55   0.00   1.55
21.30   0.43   0.79   0.54*  1.54   0.00   1.54
21.35   0.42   0.79   0.53*  1.54   0.00   1.54
21.40   0.41   0.79   0.52*  1.53   0.00   1.53
21.45   0.41   0.79   0.51*  1.52   0.00   1.52
21.50   0.40   0.79   0.51*  1.52   0.00   1.52
21.55   0.40   0.79   0.50*  1.51   0.00   1.51
21.60   0.39   0.79   0.49*  1.50   0.00   1.50
21.65   0.39   0.79   0.49*  1.50   0.00   1.50
21.70   0.38   0.79   0.48*  1.49   0.00   1.49
21.75   0.38   0.79   0.47*  1.48   0.00   1.48
21.80   0.37   0.79   0.47*  1.48   0.00   1.48
21.85   0.37   0.79   0.46*  1.47   0.00   1.47
21.90   0.36   0.79   0.46*  1.46   0.00   1.46
21.95   0.36   0.79   0.45*  1.46   0.00   1.46
22.00   0.35   0.79   0.45*  1.45   0.00   1.45
22.05   0.35   0.79   0.44*  1.44   0.00   1.44
22.10   0.35   0.79   0.44*  1.43   0.00   1.43
22.15   0.34   0.79   0.43*  1.43   0.00   1.43
22.20   0.34   0.79   0.43*  1.42   0.00   1.42
22.25   0.33   0.79   0.42*  1.41   0.00   1.41
22.30   0.33   0.79   0.42*  1.40   0.00   1.40
22.35   0.33   0.79   0.41*  1.40   0.00   1.40
22.40   0.32   0.79   0.41*  1.39   0.00   1.39
22.45   0.32   0.79   0.40*  1.38   0.00   1.38
22.50   0.32   0.79   0.40*  1.37   0.00   1.37
22.55   0.32   0.79   0.40*  1.36   0.00   1.36
22.60   0.32   0.79   0.40*  1.36   0.00   1.36
22.65   0.32   0.79   0.41*  1.35   0.00   1.35
22.70   0.33   0.79   0.41*  1.34   0.00   1.34
22.75   0.33   0.79   0.42*  1.33   0.00   1.33
22.80   0.33   0.80   0.42*  1.32   0.00   1.32
22.85   0.34   0.80   0.42*  1.32   0.00   1.32
22.90   0.34   0.80   0.43*  1.31   0.00   1.31
22.95   0.34   0.80   0.43*  1.30   0.00   1.30
23.00   0.35   0.80   0.43*  1.29   0.00   1.29
23.05   0.35   0.80   0.44*  1.29   0.00   1.29
23.10   0.35   0.80   0.44*  1.28   0.00   1.28
23.15   0.36   0.80   0.45*  1.27   0.00   1.27
23.20   0.36   0.80   0.45*  1.26   0.00   1.26
23.25   0.36   0.80   0.46*  1.26   0.00   1.26
23.30   0.37   0.80   0.46*  1.25   0.00   1.25
23.35   0.37   0.80   0.46*  1.24   0.00   1.24
23.40   0.37   0.80   0.47*  1.24   0.00   1.24
23.45   0.38   0.80   0.47*  1.23   0.00   1.23
23.50   0.38   0.80   0.48*  1.22   0.00   1.22
23.55   0.38   0.80   0.48*  1.22   0.00   1.22
23.60   0.39   0.80   0.49*  1.21   0.00   1.21
23.65   0.39   0.80   0.49*  1.20   0.00   1.20
23.70   0.40   0.80   0.50*  1.20   0.00   1.20
23.75   0.40   0.80   0.50*  1.19   0.00   1.19
23.80   0.40   0.80   0.51*  1.18   0.00   1.18
23.85   0.41   0.80   0.51*  1.18   0.00   1.18
23.90   0.41   0.80   0.52*  1.17   0.00   1.17
23.95   0.42   0.80   0.52*  1.16   0.00   1.16
24.00   0.42   0.80   0.53*  1.16   0.00   1.16
24.05   0.43   0.80   0.54*  1.15   0.00   1.15
```

Liquefy.sum

```
24.10   0.43    0.80    0.54*   1.14    0.00    1.14
24.15   0.44    0.80    0.55*   1.14    0.00    1.14
24.20   0.44    0.80    0.55*   1.13    0.00    1.13
24.25   0.45    0.80    0.56*   1.13    0.00    1.13
24.30   0.45    0.80    0.57*   1.12    0.00    1.12
24.35   0.46    0.80    0.58*   1.11    0.00    1.11
24.40   0.47    0.80    0.58*   1.11    0.00    1.11
24.45   0.47    0.80    0.59*   1.10    0.00    1.10
24.50   0.48    0.80    0.60*   1.10    0.00    1.10
24.55   0.49    0.80    0.61*   1.09    0.00    1.09
24.60   0.50    0.80    0.63*   1.09    0.00    1.09
24.65   0.51    0.80    0.64*   1.08    0.00    1.08
24.70   0.52    0.80    0.66*   1.08    0.00    1.08
24.75   0.54    0.80    0.68*   1.07    0.00    1.07
24.80   0.57    0.80    0.72*   1.07    0.00    1.07
24.85   0.62    0.80    0.78*   1.06    0.00    1.06
24.90   0.64    0.80    0.80*   1.06    0.00    1.06
24.95   0.64    0.80    0.80*   1.06    0.00    1.06
25.00   0.64    0.80    0.80*   1.05    0.00    1.05
25.05   0.64    0.80    0.80*   1.05    0.00    1.05
25.10   0.64    0.80    0.80*   1.04    0.00    1.04
25.15   0.64    0.80    0.80*   1.04    0.00    1.04
25.20   0.64    0.80    0.80*   1.04    0.00    1.04
25.25   0.64    0.80    0.80*   1.03    0.00    1.03
25.30   0.64    0.80    0.80*   1.03    0.00    1.03
25.35   0.64    0.80    0.80*   1.03    0.00    1.03
25.40   0.64    0.80    0.80*   1.03    0.00    1.03
25.45   0.64    0.80    0.80*   1.03    0.00    1.03
25.50   0.64    0.80    0.80*   1.03    0.00    1.03
25.55   0.64    0.80    0.80*   1.03    0.00    1.03
25.60   0.64    0.80    0.80*   1.03    0.00    1.03
25.65   0.64    0.80    0.80*   1.02    0.00    1.02
25.70   0.64    0.80    0.80*   1.02    0.00    1.02
25.75   0.64    0.80    0.80*   1.02    0.00    1.02
25.80   0.64    0.80    0.80*   1.02    0.00    1.02
25.85   0.64    0.80    0.80*   1.02    0.00    1.02
25.90   0.64    0.80    0.80*   1.02    0.00    1.02
25.95   0.64    0.80    0.80*   1.02    0.00    1.02
26.00   0.64    0.80    0.80*   1.02    0.00    1.02
26.05   0.64    0.80    0.80*   1.02    0.00    1.02
26.10   0.64    0.80    0.80*   1.02    0.00    1.02
26.15   0.64    0.80    0.80*   1.02    0.00    1.02
26.20   0.64    0.80    0.80*   1.02    0.00    1.02
26.25   0.64    0.80    0.80*   1.02    0.00    1.02
26.30   0.64    0.80    0.80*   1.02    0.00    1.02
26.35   0.64    0.80    0.80*   1.02    0.00    1.02
26.40   0.64    0.80    0.80*   1.02    0.00    1.02
26.45   0.64    0.80    0.80*   1.02    0.00    1.02
26.50   0.64    0.80    0.80*   1.02    0.00    1.02
26.55   0.64    0.80    0.80*   1.02    0.00    1.02
26.60   0.64    0.80    0.80*   1.02    0.00    1.02
26.65   0.64    0.80    0.80*   1.02    0.00    1.02
26.70   0.64    0.80    0.80*   1.02    0.00    1.02
26.75   0.64    0.80    0.80*   1.02    0.00    1.02
26.80   0.64    0.80    0.80*   1.02    0.00    1.02
26.85   0.64    0.80    0.80*   1.02    0.00    1.02
26.90   0.64    0.80    0.80*   1.02    0.00    1.02
26.95   0.64    0.80    0.80*   1.02    0.00    1.02
27.00   0.64    0.80    0.80*   1.02    0.00    1.02
27.05   0.64    0.80    0.80*   1.02    0.00    1.02
27.10   0.64    0.80    0.80*   1.02    0.00    1.02
27.15   0.64    0.80    0.80*   1.02    0.00    1.02
27.20   0.64    0.80    0.80*   1.02    0.00    1.02
```

```
27.25   0.64    0.80    0.80*   1.02    0.00    1.02
27.30   0.64    0.80    0.80*   1.02    0.00    1.02
27.35   0.64    0.80    0.80*   1.02    0.00    1.02
27.40   0.64    0.80    0.80*   1.02    0.00    1.02
27.45   0.64    0.80    0.80*   1.02    0.00    1.02
27.50   0.64    0.80    0.80*   1.02    0.00    1.02
27.55   0.64    0.80    0.80*   1.02    0.00    1.02
27.60   0.64    0.80    0.80*   1.02    0.00    1.02
27.65   0.64    0.80    0.80*   1.02    0.00    1.02
27.70   0.64    0.80    0.80*   1.02    0.00    1.02
27.75   0.64    0.80    0.80*   1.02    0.00    1.02
27.80   0.64    0.80    0.80*   1.02    0.00    1.02
27.85   0.64    0.80    0.80*   1.02    0.00    1.02
27.90   0.64    0.80    0.80*   1.02    0.00    1.02
27.95   0.64    0.80    0.80*   1.02    0.00    1.02
28.00   0.64    0.80    0.80*   1.02    0.00    1.02
28.05   0.64    0.80    0.80*   1.02    0.00    1.02
28.10   0.64    0.80    0.80*   1.02    0.00    1.02
28.15   0.64    0.80    0.80*   1.02    0.00    1.02
28.20   0.64    0.80    0.80*   1.02    0.00    1.02
28.25   0.64    0.80    0.80*   1.02    0.00    1.02
28.30   0.64    0.80    0.80*   1.02    0.00    1.02
28.35   0.64    0.80    0.80*   1.02    0.00    1.02
28.40   0.64    0.80    0.80*   1.02    0.00    1.02
28.45   0.64    0.80    0.80*   1.02    0.00    1.02
28.50   0.64    0.80    0.80*   1.02    0.00    1.02
28.55   0.64    0.80    0.80*   1.02    0.00    1.02
28.60   0.64    0.80    0.80*   1.02    0.00    1.02
28.65   0.64    0.80    0.81*   1.02    0.00    1.02
28.70   0.64    0.80    0.80*   1.02    0.00    1.02
28.75   0.64    0.80    0.80*   1.02    0.00    1.02
28.80   0.64    0.80    0.80*   1.02    0.00    1.02
28.85   0.64    0.80    0.80*   1.02    0.00    1.02
28.90   0.64    0.80    0.80*   1.02    0.00    1.02
28.95   0.64    0.80    0.80*   1.02    0.00    1.02
29.00   0.64    0.80    0.80*   1.02    0.00    1.02
29.05   0.64    0.80    0.80*   1.02    0.00    1.02
29.10   0.64    0.80    0.80*   1.02    0.00    1.02
29.15   0.64    0.80    0.80*   1.02    0.00    1.02
29.20   0.64    0.80    0.80*   1.02    0.00    1.02
29.25   0.64    0.80    0.80*   1.02    0.00    1.02
29.30   0.64    0.80    0.80*   1.02    0.00    1.02
29.35   0.64    0.80    0.80*   1.02    0.00    1.02
29.40   0.64    0.80    0.80*   1.02    0.00    1.02
29.45   0.64    0.80    0.80*   1.02    0.00    1.02
29.50   0.64    0.80    0.80*   1.02    0.00    1.02
29.55   0.64    0.80    0.80*   1.02    0.00    1.02
29.60   0.64    0.80    0.80*   1.02    0.00    1.02
29.65   0.64    0.80    0.80*   1.02    0.00    1.02
29.70   0.64    0.80    0.80*   1.02    0.00    1.02
29.75   0.64    0.80    0.80*   1.02    0.00    1.02
29.80   0.64    0.80    0.80*   1.02    0.00    1.02
29.85   0.64    0.80    0.80*   1.02    0.00    1.02
29.90   0.64    0.80    0.80*   1.02    0.00    1.02
29.95   0.64    0.80    0.80*   1.02    0.00    1.02
30.00   0.64    0.80    0.80*   1.02    0.00    1.02
30.05   0.64    0.80    0.80*   1.02    0.00    1.02
30.10   0.64    0.80    0.80*   1.02    0.00    1.02
30.15   0.64    0.80    0.80*   1.02    0.00    1.02
30.20   0.64    0.80    0.80*   1.02    0.00    1.02
30.25   0.64    0.80    0.80*   1.02    0.00    1.02
30.30   0.64    0.80    0.80*   1.02    0.00    1.02
30.35   0.64    0.80    0.80*   1.02    0.00    1.02
```

Liquefy.sum

```
30.40   0.64   0.80   0.80*  1.02   0.00   1.02
30.45   0.64   0.80   0.80*  1.02   0.00   1.02
30.50   0.64   0.80   0.80*  1.02   0.00   1.02
30.55   0.64   0.80   0.80*  1.02   0.00   1.02
30.60   0.64   0.80   0.80*  1.02   0.00   1.02
30.65   0.64   0.80   0.80*  1.02   0.00   1.02
30.70   0.64   0.80   0.80*  1.02   0.00   1.02
30.75   0.64   0.80   0.80*  1.02   0.00   1.02
30.80   0.64   0.80   0.80*  1.02   0.00   1.02
30.85   0.64   0.80   0.80*  1.02   0.00   1.02
30.90   0.63   0.80   0.80*  1.02   0.00   1.02
30.95   0.63   0.79   0.80*  1.02   0.00   1.02
31.00   0.63   0.79   0.80*  1.02   0.00   1.02
31.05   0.63   0.79   0.80*  1.02   0.00   1.02
31.10   0.63   0.79   0.80*  1.02   0.00   1.02
31.15   0.63   0.79   0.80*  1.02   0.00   1.02
31.20   0.63   0.79   0.80*  1.02   0.00   1.02
31.25   0.63   0.79   0.80*  1.02   0.00   1.02
31.30   0.63   0.79   0.80*  1.02   0.00   1.02
31.35   0.63   0.79   0.80*  1.02   0.00   1.02
31.40   0.63   0.79   0.80*  1.02   0.00   1.02
31.45   0.63   0.79   0.80*  1.02   0.00   1.02
31.50   0.63   0.79   0.80*  1.02   0.00   1.02
31.55   0.63   0.79   0.80*  1.02   0.00   1.02
31.60   0.63   0.79   0.80*  1.02   0.00   1.02
31.65   0.63   0.79   0.80*  1.02   0.00   1.02
31.70   0.63   0.79   0.80*  1.02   0.00   1.02
31.75   0.63   0.79   0.80*  1.02   0.00   1.02
31.80   0.63   0.79   0.80*  1.02   0.00   1.02
31.85   0.63   0.79   0.80*  1.02   0.00   1.02
31.90   0.63   0.79   0.80*  1.02   0.00   1.02
31.95   0.63   0.79   0.80*  1.02   0.00   1.02
32.00   0.63   0.79   0.80*  1.02   0.00   1.02
32.05   0.63   0.79   0.80*  1.02   0.00   1.02
32.10   0.63   0.79   0.80*  1.02   0.00   1.02
32.15   0.63   0.79   0.80*  1.02   0.00   1.02
32.20   0.63   0.79   0.80*  1.02   0.00   1.02
32.25   0.63   0.79   0.80*  1.02   0.00   1.02
32.30   0.63   0.79   0.80*  1.02   0.00   1.02
32.35   0.63   0.79   0.80*  1.02   0.00   1.02
32.40   0.63   0.79   0.80*  1.02   0.00   1.02
32.45   0.63   0.79   0.80*  1.02   0.00   1.02
32.50   0.63   0.79   0.80*  1.02   0.00   1.02
32.55   0.63   0.79   0.80*  1.02   0.00   1.02
32.60   0.63   0.79   0.80*  1.02   0.00   1.02
32.65   0.63   0.79   0.80*  1.02   0.00   1.02
32.70   0.63   0.78   0.80*  1.02   0.00   1.02
32.75   0.63   0.78   0.80*  1.02   0.00   1.02
32.80   0.63   0.78   0.80*  1.02   0.00   1.02
32.85   0.63   0.78   0.80*  1.02   0.00   1.02
32.90   0.63   0.78   0.80*  1.02   0.00   1.02
32.95   0.63   0.78   0.80*  1.02   0.00   1.02
33.00   0.63   0.78   0.80*  1.02   0.00   1.02
33.05   0.63   0.78   0.80*  1.02   0.00   1.02
33.10   0.63   0.78   0.80*  1.02   0.00   1.02
33.15   0.63   0.78   0.80*  1.02   0.00   1.02
33.20   0.63   0.78   0.80*  1.02   0.00   1.02
33.25   0.63   0.78   0.80*  1.02   0.00   1.02
33.30   0.63   0.78   0.80*  1.02   0.00   1.02
33.35   0.63   0.78   0.80*  1.02   0.00   1.02
33.40   0.63   0.78   0.80*  1.02   0.00   1.02
33.45   0.62   0.78   0.80*  1.02   0.00   1.02
33.50   0.62   0.78   0.80*  1.02   0.00   1.02
```

Liquefy.sum

33.55	0.62	0.78	0.80*	1.02	0.00	1.02
33.60	0.62	0.78	0.80*	1.02	0.00	1.02
33.65	0.62	0.78	0.80*	1.02	0.00	1.02
33.70	0.62	0.78	0.80*	1.02	0.00	1.02
33.75	0.62	0.78	0.80*	1.02	0.00	1.02
33.80	0.62	0.78	0.80*	1.02	0.00	1.02
33.85	0.62	0.78	0.80*	1.02	0.00	1.02
33.90	0.62	0.78	0.80*	1.02	0.00	1.02
33.95	0.62	0.78	0.80*	1.02	0.00	1.02
34.00	0.62	0.78	0.80*	1.02	0.00	1.02
34.05	0.62	0.78	0.80*	1.02	0.00	1.02
34.10	0.62	0.78	0.80*	1.02	0.00	1.02
34.15	0.62	0.78	0.80*	1.02	0.00	1.02
34.20	0.62	0.78	0.80*	1.02	0.00	1.02
34.25	0.62	0.77	0.80*	1.02	0.00	1.02
34.30	0.62	0.77	0.80*	1.02	0.00	1.02
34.35	0.62	0.77	0.80*	1.02	0.00	1.02
34.40	0.62	0.77	0.80*	1.02	0.00	1.02
34.45	0.62	0.77	0.80*	1.02	0.00	1.02
34.50	0.62	0.77	0.80*	1.02	0.00	1.02
34.55	0.62	0.77	0.80*	1.02	0.00	1.02
34.60	0.62	0.77	0.80*	1.02	0.00	1.02
34.65	0.62	0.77	0.80*	1.02	0.00	1.02
34.70	0.62	0.77	0.80*	1.02	0.00	1.02
34.75	0.62	0.77	0.80*	1.02	0.00	1.02
34.80	0.62	0.77	0.80*	1.02	0.00	1.02
34.85	0.62	0.77	0.80*	1.02	0.00	1.02
34.90	0.62	0.77	0.80*	1.02	0.00	1.02
34.95	0.62	0.77	0.80*	1.02	0.00	1.02
35.00	0.62	0.77	0.80*	1.02	0.00	1.02
35.05	0.62	0.77	0.80*	1.02	0.00	1.02
35.10	0.62	0.77	0.80*	1.02	0.00	1.02
35.15	0.62	0.77	0.80*	1.02	0.00	1.02
35.20	0.62	0.77	0.80*	1.02	0.00	1.02
35.25	0.62	0.77	0.80*	1.02	0.00	1.02
35.30	0.62	0.77	0.80*	1.02	0.00	1.02
35.35	0.62	0.77	0.80*	1.02	0.00	1.02
35.40	0.62	0.77	0.80*	1.02	0.00	1.02
35.45	0.62	0.77	0.80*	1.02	0.00	1.02
35.50	0.62	0.77	0.80*	1.02	0.00	1.02
35.55	0.62	0.77	0.81*	1.02	0.00	1.02
35.60	0.62	0.77	0.81*	1.02	0.00	1.02
35.65	0.62	0.77	0.81*	1.02	0.00	1.02
35.70	0.62	0.77	0.81*	1.02	0.00	1.02
35.75	0.62	0.76	0.81*	1.02	0.00	1.02
35.80	0.62	0.76	0.81*	1.02	0.00	1.02
35.85	0.62	0.76	0.81*	1.02	0.00	1.02
35.90	0.62	0.76	0.81*	1.02	0.00	1.02
35.95	0.62	0.76	0.81*	1.02	0.00	1.02
36.00	0.62	0.76	0.81*	1.02	0.00	1.02
36.05	0.61	0.76	0.81*	1.02	0.00	1.02
36.10	0.61	0.76	0.81*	1.02	0.00	1.02
36.15	0.61	0.76	0.81*	1.02	0.00	1.02
36.20	0.61	0.76	0.81*	1.02	0.00	1.02
36.25	0.61	0.76	0.81*	1.02	0.00	1.02
36.30	0.61	0.76	0.81*	1.02	0.00	1.02
36.35	0.61	0.76	0.81*	1.02	0.00	1.02
36.40	0.61	0.76	0.81*	1.02	0.00	1.02
36.45	0.61	0.76	0.81*	1.02	0.00	1.02
36.50	0.61	0.76	0.81*	1.02	0.00	1.02
36.55	0.61	0.76	0.81*	1.02	0.00	1.02
36.60	0.61	0.76	0.81*	1.02	0.00	1.02
36.65	0.61	0.76	0.81*	1.02	0.00	1.02

Liquefy.sum

36.70	0.61	0.76	0.81*	1.02	0.00	1.02
36.75	0.61	0.76	0.81*	1.02	0.00	1.02
36.80	0.61	0.76	0.81*	1.02	0.00	1.02
36.85	0.61	0.76	0.81*	1.01	0.00	1.01
36.90	0.50	0.76	0.66*	1.01	0.00	1.01
36.95	0.45	0.76	0.59*	1.00	0.00	1.00
37.00	0.42	0.76	0.55*	1.00	0.00	1.00
37.05	0.39	0.76	0.52*	0.99	0.00	0.99
37.10	0.37	0.76	0.49*	0.99	0.00	0.99
37.15	0.35	0.76	0.47*	0.98	0.00	0.98
37.20	0.34	0.76	0.44*	0.97	0.00	0.97
37.25	0.32	0.76	0.42*	0.96	0.00	0.96
37.30	0.31	0.75	0.40*	0.96	0.00	0.96
37.35	0.29	0.75	0.39*	0.95	0.00	0.95
37.40	0.28	0.75	0.37*	0.94	0.00	0.94
37.45	0.27	0.75	0.35*	0.93	0.00	0.93
37.50	0.25	0.75	0.34*	0.92	0.00	0.92
37.55	0.26	0.75	0.34*	0.91	0.00	0.91
37.60	0.26	0.75	0.35*	0.90	0.00	0.90
37.65	0.27	0.75	0.36*	0.90	0.00	0.90
37.70	0.27	0.75	0.36*	0.89	0.00	0.89
37.75	0.28	0.75	0.37*	0.88	0.00	0.88
37.80	0.28	0.75	0.37*	0.87	0.00	0.87
37.85	0.29	0.75	0.38*	0.86	0.00	0.86
37.90	0.29	0.75	0.39*	0.85	0.00	0.85
37.95	0.30	0.75	0.39*	0.84	0.00	0.84
38.00	0.30	0.75	0.40*	0.84	0.00	0.84
38.05	0.31	0.75	0.41*	0.83	0.00	0.83
38.10	0.31	0.75	0.41*	0.82	0.00	0.82
38.15	0.32	0.75	0.42*	0.81	0.00	0.81
38.20	0.32	0.75	0.43*	0.80	0.00	0.80
38.25	0.33	0.75	0.44*	0.80	0.00	0.80
38.30	0.33	0.75	0.44*	0.79	0.00	0.79
38.35	0.34	0.75	0.45*	0.78	0.00	0.78
38.40	0.34	0.75	0.46*	0.77	0.00	0.77
38.45	0.35	0.75	0.47*	0.77	0.00	0.77
38.50	0.36	0.75	0.48*	0.76	0.00	0.76
38.55	0.36	0.75	0.49*	0.75	0.00	0.75
38.60	0.37	0.75	0.50*	0.75	0.00	0.75
38.65	0.38	0.75	0.51*	0.74	0.00	0.74
38.70	0.39	0.75	0.52*	0.73	0.00	0.73
38.75	0.39	0.75	0.53*	0.73	0.00	0.73
38.80	0.40	0.75	0.54*	0.72	0.00	0.72
38.85	0.41	0.75	0.55*	0.71	0.00	0.71
38.90	0.42	0.75	0.56*	0.71	0.00	0.71
38.95	0.43	0.75	0.58*	0.70	0.00	0.70
39.00	0.44	0.74	0.60*	0.70	0.00	0.70
39.05	0.46	0.74	0.62*	0.69	0.00	0.69
39.10	0.48	0.74	0.64*	0.69	0.00	0.69
39.15	0.50	0.74	0.68*	0.68	0.00	0.68
39.20	0.56	0.74	0.76*	0.68	0.00	0.68
39.25	0.60	0.74	0.81*	0.67	0.00	0.67
39.30	0.60	0.74	0.81*	0.67	0.00	0.67
39.35	0.60	0.74	0.81*	0.66	0.00	0.66
39.40	0.60	0.74	0.81*	0.66	0.00	0.66
39.45	0.60	0.74	0.81*	0.66	0.00	0.66
39.50	0.60	0.74	0.81*	0.65	0.00	0.65
39.55	0.60	0.74	0.81*	0.65	0.00	0.65
39.60	0.60	0.74	0.81*	0.65	0.00	0.65
39.65	0.60	0.74	0.81*	0.65	0.00	0.65
39.70	0.60	0.74	0.81*	0.64	0.00	0.64
39.75	0.60	0.74	0.81*	0.64	0.00	0.64
39.80	0.60	0.74	0.81*	0.64	0.00	0.64

Liquefy.sum

39.85	0.60	0.74	0.81*	0.64	0.00	0.64
39.90	0.60	0.74	0.81*	0.64	0.00	0.64
39.95	0.60	0.74	0.81*	0.64	0.00	0.64
40.00	0.60	0.74	0.81*	0.64	0.00	0.64
40.05	0.60	0.74	0.81*	0.63	0.00	0.63
40.10	0.60	0.74	0.81*	0.63	0.00	0.63
40.15	0.60	0.74	0.81*	0.63	0.00	0.63
40.20	0.60	0.74	0.81*	0.63	0.00	0.63
40.25	0.60	0.74	0.81*	0.63	0.00	0.63
40.30	0.60	0.74	0.81*	0.63	0.00	0.63
40.35	0.60	0.74	0.81*	0.63	0.00	0.63
40.40	0.60	0.74	0.81*	0.63	0.00	0.63
40.45	0.60	0.74	0.81*	0.63	0.00	0.63
40.50	0.60	0.74	0.81*	0.62	0.00	0.62
40.55	0.60	0.74	0.81*	0.62	0.00	0.62
40.60	0.60	0.74	0.81*	0.62	0.00	0.62
40.65	0.60	0.74	0.81*	0.62	0.00	0.62
40.70	0.60	0.74	0.81*	0.61	0.00	0.61
40.75	0.60	0.74	0.81*	0.61	0.00	0.61
40.80	0.60	0.73	0.81*	0.61	0.00	0.61
40.85	0.60	0.73	0.81*	0.60	0.00	0.60
40.90	0.60	0.73	0.81*	0.60	0.00	0.60
40.95	0.60	0.73	0.81*	0.60	0.00	0.60
41.00	0.60	0.73	0.81*	0.59	0.00	0.59
41.05	0.60	0.73	0.81*	0.59	0.00	0.59
41.10	0.59	0.73	0.80*	0.58	0.00	0.58
41.15	0.53	0.73	0.72*	0.58	0.00	0.58
41.20	0.50	0.73	0.68*	0.58	0.00	0.58
41.25	0.48	0.73	0.65*	0.57	0.00	0.57
41.30	0.46	0.73	0.63*	0.57	0.00	0.57
41.35	0.45	0.73	0.61*	0.56	0.00	0.56
41.40	0.44	0.73	0.60*	0.56	0.00	0.56
41.45	0.43	0.73	0.59*	0.55	0.00	0.55
41.50	0.42	0.73	0.58*	0.54	0.00	0.54
41.55	0.42	0.73	0.57*	0.54	0.00	0.54
41.60	0.41	0.73	0.56*	0.53	0.00	0.53
41.65	0.40	0.73	0.55*	0.53	0.00	0.53
41.70	0.40	0.73	0.54*	0.52	0.00	0.52
41.75	0.39	0.73	0.53*	0.51	0.00	0.51
41.80	0.38	0.73	0.53*	0.51	0.00	0.51
41.85	0.38	0.73	0.52*	0.50	0.00	0.50
41.90	0.37	0.73	0.51*	0.50	0.00	0.50
41.95	0.37	0.73	0.51*	0.49	0.00	0.49
42.00	0.36	0.73	0.50*	0.48	0.00	0.48
42.05	0.36	0.73	0.49*	0.48	0.00	0.48
42.10	0.35	0.73	0.49*	0.47	0.00	0.47
42.15	0.35	0.73	0.48*	0.46	0.00	0.46
42.20	0.35	0.73	0.48*	0.46	0.00	0.46
42.25	0.34	0.73	0.47*	0.45	0.00	0.45
42.30	0.34	0.73	0.46*	0.44	0.00	0.44
42.35	0.33	0.73	0.46*	0.43	0.00	0.43
42.40	0.33	0.73	0.45*	0.43	0.00	0.43
42.45	0.33	0.73	0.45*	0.42	0.00	0.42
42.50	0.32	0.73	0.44*	0.41	0.00	0.41
42.55	0.32	0.73	0.45*	0.41	0.00	0.41
42.60	0.33	0.72	0.45*	0.40	0.00	0.40
42.65	0.33	0.72	0.45*	0.39	0.00	0.39
42.70	0.33	0.72	0.45*	0.38	0.00	0.38
42.75	0.33	0.72	0.46*	0.38	0.00	0.38
42.80	0.33	0.72	0.46*	0.37	0.00	0.37
42.85	0.33	0.72	0.46*	0.36	0.00	0.36
42.90	0.34	0.72	0.46*	0.35	0.00	0.35
42.95	0.34	0.72	0.47*	0.35	0.00	0.35

Liquefy.sum

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43.00   0.34   0.72   0.47*  0.34   0.00   0.34
43.05   0.34   0.72   0.47*  0.33   0.00   0.33
43.10   0.34   0.72   0.48*  0.33   0.00   0.33
43.15   0.35   0.72   0.48*  0.32   0.00   0.32
43.20   0.35   0.72   0.48*  0.31   0.00   0.31
43.25   0.35   0.72   0.48*  0.31   0.00   0.31
43.30   0.35   0.72   0.49*  0.30   0.00   0.30
43.35   0.35   0.72   0.49*  0.29   0.00   0.29
43.40   0.36   0.72   0.49*  0.28   0.00   0.28
43.45   0.36   0.72   0.50*  0.28   0.00   0.28
43.50   0.36   0.72   0.50*  0.27   0.00   0.27
43.55   0.36   0.72   0.50*  0.26   0.00   0.26
43.60   0.36   0.72   0.51*  0.26   0.00   0.26
43.65   0.37   0.72   0.51*  0.25   0.00   0.25
43.70   0.37   0.72   0.51*  0.25   0.00   0.25
43.75   0.37   0.72   0.52*  0.24   0.00   0.24
43.80   0.37   0.72   0.52*  0.23   0.00   0.23
43.85   0.37   0.72   0.52*  0.23   0.00   0.23
43.90   0.38   0.72   0.53*  0.22   0.00   0.22
43.95   0.38   0.72   0.53*  0.21   0.00   0.21
44.00   0.38   0.72   0.53*  0.21   0.00   0.21
44.05   0.38   0.72   0.54*  0.20   0.00   0.20
44.10   0.39   0.72   0.54*  0.19   0.00   0.19
44.15   0.39   0.72   0.54*  0.19   0.00   0.19
44.20   0.39   0.72   0.55*  0.18   0.00   0.18
44.25   0.39   0.72   0.55*  0.18   0.00   0.18
44.30   0.40   0.71   0.56*  0.17   0.00   0.17
44.35   0.40   0.71   0.56*  0.16   0.00   0.16
44.40   0.40   0.71   0.56*  0.16   0.00   0.16
44.45   0.41   0.71   0.57*  0.15   0.00   0.15
44.50   0.41   0.71   0.57*  0.15   0.00   0.15
44.55   0.41   0.71   0.58*  0.14   0.00   0.14
44.60   0.42   0.71   0.58*  0.13   0.00   0.13
44.65   0.42   0.71   0.59*  0.13   0.00   0.13
44.70   0.42   0.71   0.59*  0.12   0.00   0.12
44.75   0.43   0.71   0.60*  0.12   0.00   0.12
44.80   0.43   0.71   0.60*  0.11   0.00   0.11
44.85   0.43   0.71   0.61*  0.11   0.00   0.11
44.90   0.44   0.71   0.61*  0.10   0.00   0.10
44.95   0.44   0.71   0.62*  0.09   0.00   0.09
45.00   0.45   0.71   0.63*  0.09   0.00   0.09
45.05   0.46   0.71   0.64*  0.08   0.00   0.08
45.10   0.47   0.71   0.67*  0.08   0.00   0.08
45.15   0.49   0.71   0.69*  0.07   0.00   0.07
45.20   0.53   0.71   0.74*  0.07   0.00   0.07
45.25   0.58   0.71   0.82*  0.07   0.00   0.07
45.30   0.58   0.71   0.82*  0.06   0.00   0.06
45.35   0.58   0.71   0.82*  0.06   0.00   0.06
45.40   0.58   0.71   0.82*  0.05   0.00   0.05
45.45   0.58   0.71   0.82*  0.05   0.00   0.05
45.50   0.58   0.71   0.82*  0.05   0.00   0.05
45.55   0.58   0.71   0.82*  0.04   0.00   0.04
45.60   0.58   0.71   0.83*  0.04   0.00   0.04
45.65   0.58   0.71   0.83*  0.03   0.00   0.03
45.70   0.58   0.71   0.83*  0.03   0.00   0.03
45.75   0.58   0.71   0.83*  0.03   0.00   0.03
45.80   0.58   0.71   0.83*  0.03   0.00   0.03
45.85   0.58   0.71   0.83*  0.02   0.00   0.02
45.90   0.58   0.70   0.83*  0.02   0.00   0.02
45.95   0.58   0.70   0.83*  0.02   0.00   0.02
46.00   0.58   0.70   0.83*  0.02   0.00   0.02
46.05   0.58   0.70   0.83*  0.02   0.00   0.02
46.10   0.58   0.70   0.83*  0.01   0.00   0.01
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Liquefy.sum

```
46.15   0.58    0.70    0.83*   0.01    0.00    0.01
46.20   0.58    0.70    0.83*   0.01    0.00    0.01
46.25   0.58    0.70    0.83*   0.01    0.00    0.01
46.30   0.58    0.70    0.83*   0.01    0.00    0.01
46.35   0.58    0.70    0.83*   0.01    0.00    0.01
46.40   0.58    0.70    0.83*   0.01    0.00    0.01
46.45   0.58    0.70    0.83*   0.01    0.00    0.01
46.50   0.58    0.70    0.83*   0.01    0.00    0.01
46.55   0.58    0.70    0.83*   0.01    0.00    0.01
46.60   0.58    0.70    0.83*   0.00    0.00    0.00
46.65   0.58    0.70    0.83*   0.00    0.00    0.00
46.70   0.58    0.70    0.83*   0.00    0.00    0.00
46.75   0.58    0.70    0.83*   0.00    0.00    0.00
46.80   0.58    0.70    0.83*   0.00    0.00    0.00
46.85   0.58    0.70    0.83*   0.00    0.00    0.00
46.90   0.58    0.70    0.83*   0.00    0.00    0.00
46.95   0.58    0.70    0.83*   0.00    0.00    0.00
47.00   0.58    0.70    0.83*   0.00    0.00    0.00
47.05   0.58    0.70    0.83*   0.00    0.00    0.00
47.10   0.58    0.70    0.83*   0.00    0.00    0.00
47.15   0.58    0.70    0.83*   0.00    0.00    0.00
47.20   0.58    0.70    0.83*   0.00    0.00    0.00
47.25   0.58    0.70    0.83*   0.00    0.00    0.00
47.30   0.58    0.70    0.83*   0.00    0.00    0.00
47.35   0.58    0.70    0.83*   0.00    0.00    0.00
47.40   0.58    0.70    0.83*   0.00    0.00    0.00
47.45   0.58    0.70    0.83*   0.00    0.00    0.00
47.50   0.58    0.69    0.83*   0.00    0.00    0.00
47.55   0.58    0.69    0.83*   0.00    0.00    0.00
47.60   0.58    0.69    0.83*   0.00    0.00    0.00
47.65   0.58    0.69    0.83*   0.00    0.00    0.00
47.70   0.58    0.69    0.83*   0.00    0.00    0.00
47.75   0.58    0.69    0.83*   0.00    0.00    0.00
47.80   0.58    0.69    0.83*   0.00    0.00    0.00
47.85   0.58    0.69    0.83*   0.00    0.00    0.00
47.90   0.58    0.69    0.83*   0.00    0.00    0.00
47.95   0.58    0.69    0.83*   0.00    0.00    0.00
48.00   0.58    0.69    0.83*   0.00    0.00    0.00
48.05   0.58    0.69    0.83*   0.00    0.00    0.00
48.10   0.58    0.69    0.83*   0.00    0.00    0.00
48.15   0.58    0.69    0.83*   0.00    0.00    0.00
48.20   0.58    0.69    0.83*   0.00    0.00    0.00
48.25   0.58    0.69    0.83*   0.00    0.00    0.00
48.30   0.57    0.69    0.83*   0.00    0.00    0.00
48.35   0.57    0.69    0.83*   0.00    0.00    0.00
48.40   0.57    0.69    0.83*   0.00    0.00    0.00
48.45   0.57    0.69    0.83*   0.00    0.00    0.00
48.50   0.57    0.69    0.83*   0.00    0.00    0.00
48.55   0.57    0.69    0.83*   0.00    0.00    0.00
48.60   0.57    0.69    0.83*   0.00    0.00    0.00
48.65   0.57    0.69    0.83*   0.00    0.00    0.00
48.70   0.57    0.69    0.83*   0.00    0.00    0.00
48.75   0.57    0.69    0.84*   0.00    0.00    0.00
48.80   0.57    0.69    0.84*   0.00    0.00    0.00
48.85   0.57    0.69    0.84*   0.00    0.00    0.00
48.90   0.57    0.69    0.84*   0.00    0.00    0.00
48.95   0.57    0.69    0.84*   0.00    0.00    0.00
49.00   0.57    0.69    0.84*   0.00    0.00    0.00
49.05   0.57    0.68    0.84*   0.00    0.00    0.00
49.10   0.57    0.68    0.84*   0.00    0.00    0.00
49.15   0.57    0.68    0.84*   0.00    0.00    0.00
49.20   0.57    0.68    0.84*   0.00    0.00    0.00
49.25   0.57    0.68    0.84*   0.00    0.00    0.00
```

49.30	0.57	0.68	0.84*	0.00	0.00	0.00
49.35	0.57	0.68	0.84*	0.00	0.00	0.00
49.40	0.57	0.68	0.84*	0.00	0.00	0.00
49.45	0.57	0.68	0.84*	0.00	0.00	0.00
49.50	0.57	0.68	0.84*	0.00	0.00	0.00
49.55	0.57	0.68	0.84*	0.00	0.00	0.00
49.60	0.57	0.68	0.84*	0.00	0.00	0.00
49.65	0.57	0.68	0.84*	0.00	0.00	0.00
49.70	0.57	0.68	0.84*	0.00	0.00	0.00
49.75	0.57	0.68	0.84*	0.00	0.00	0.00
49.80	0.57	0.68	0.84*	0.00	0.00	0.00
49.85	0.57	0.68	0.84*	0.00	0.00	0.00
49.90	0.57	0.68	0.84*	0.00	0.00	0.00
49.95	0.57	0.68	0.84*	0.00	0.00	0.00
50.00	0.57	0.68	0.84*	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

1 atm (atmosphere) = 1 tsf (ton/ft2)

CRRm	Cyclic resistance ratio from soils
CSRsf	Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S.	Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat	Settlement from saturated sands
S_dry	Settlement from Unsaturated Sands
S_all	Total Settlement from Saturated and Unsaturated Sands
NoLiq	No-Liquefy Soils

APPENDIX E

REFERENCES

REFERENCES

1. California Building Standards Commission, 2019 California Building Code.

2. California Division of Mines and Geology (CDMG), Earthquake Zones of Required investigation El Monte Quadrangle, Earthquake Fault Zones Revised Official Map Released June 15, 2017, Seismic Hazard Zones Official Map Released March 25, 1999, Scale 1:24,000.

3. CDMG, Seismic Hazard Zone Report for the El Monte 7.5-Minute Quadrangle, Los Angeles County, California, 1998, Seismic Hazard Zone Report 024.

4. Google Earth (2018), Aerial Photographs, 1994-2018.

5. Kramer, S.L., "Geotechnical Earthquake Engineering," Prentice Hall, 1996.

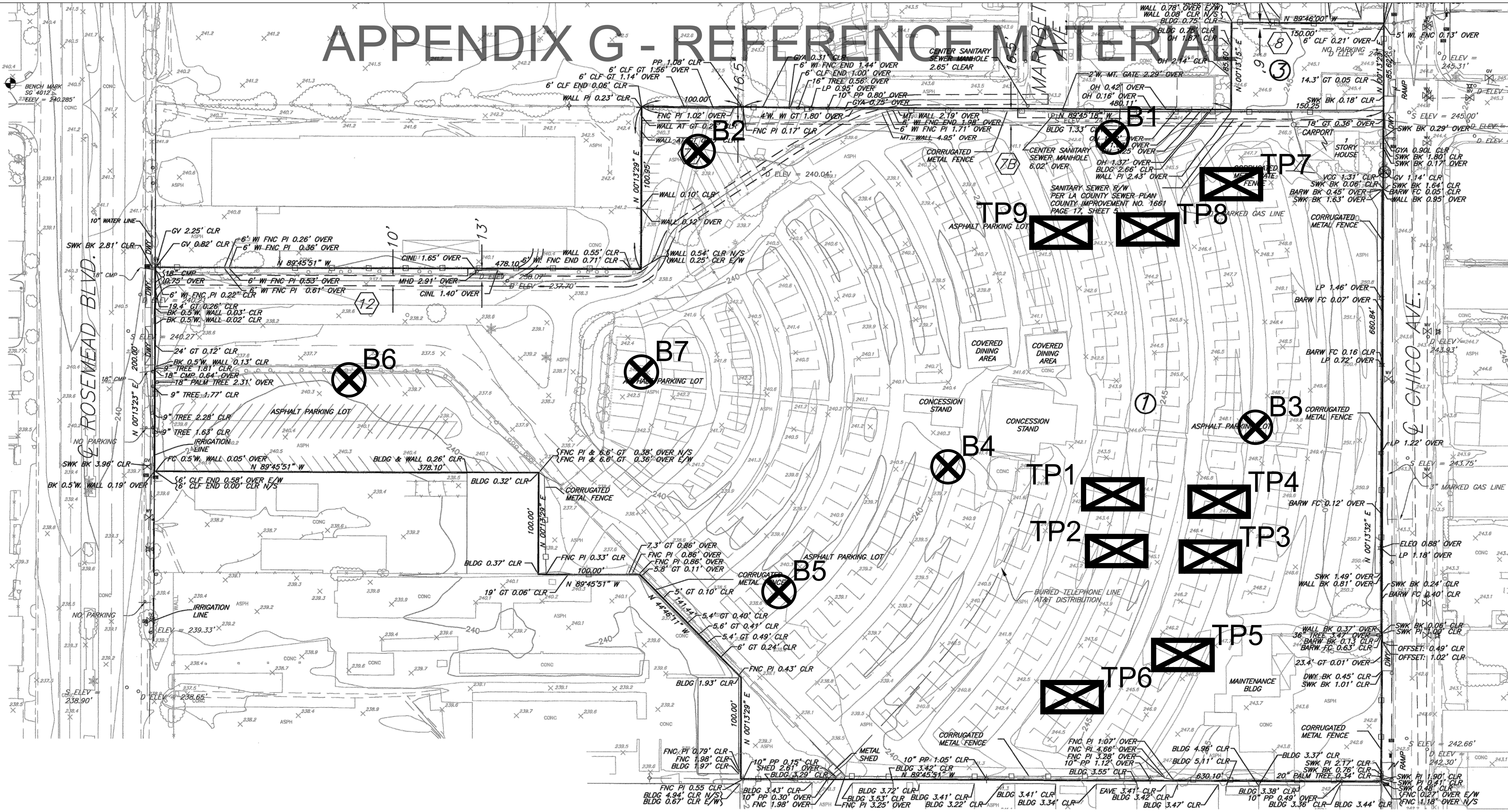
6. NETR Online Historic Aerials and Topographic Maps, www.historicaerials.com, Aerial Photographs 1952-2014, Topographic Maps 1896-2012.

7. State of California, Department of Conservation, http://www.conservation.ca.gov/cgs/Pages/Index.aspx

8. UCSB Library's digital Aerial Photography Collections, Photo C-5364, Frame 28, Scale 1:9,000, September 11, 1938. C-300, Frame K 394, Scale 1:18,000, December 31, 1927.

9. Applied Technology Council (ATC) Hazards by Location https://hazards.atcouncil.org

10. Seismic Earth Pressures on Retaining Walls, S004.0, Rev. 1/6/2020, Geotechnical and Materials Engineering Division, Administrative Manual, County of Los Angeles, Department of Public Works.



Legend

B4 Approximate Boring Location

TP6 Approximate Test Pit Location

1	10/23/15	TITLE REPORT UPDATE 2 – DATED SEPTEMBER 24, 2015	RCJ
NO.	DATE	DESCRIPTION	BY

B & E ENGINEERS

CIVIL ENGINEERS SURVEYING LAND PLANNING

20 E. FOOTHILL BLVD., STE 230
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ALTA / ACSM LAND TITLE SURVEY

LOTS 29 - 30, TRACT 621, M.B. 15 - 182-183
& LOTS 5, 6, 7, 8, 9, 12, 13, 15 & 16 TRACT 11104, MAP 195 - 14
CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES

SCALE: 1" = 50'	DRAWN: RCJ	DATE: 10-23-15
JN: 2015208	CHECKED: JL	SHEET: 2 OF: 3

SCALE 1"=50'

Boring and Test Pit Location Map

2540 Rosemead Boulevard
South El Monte, CA

Plate 1

RMA Job No:	20G-0418
Report Date:	8/2020
Prepared By:	MRM

RMA GeoScience

Appendix H Noise Analysis

Appendix

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Fundamentals of Noise

NOISE

Noise is most often defined as unwanted sound; whether it is loud, unpleasant, unexpected, or otherwise undesirable. Although sound can be easily measured, the perception of noise and the physical response to sound complicate the analysis of its impact on people. People judge the relative magnitude of sound sensation in subjective terms such as "noisiness" or "loudness."

Noise Descriptors

The following are brief definitions of terminology used in this chapter:

- **Sound.** A disturbance created by a vibrating object, which, when transmitted by pressure waves through a medium such as air, is capable of being detected by a receiving mechanism, such as the human ear or a microphone.

- **Noise.** Sound that is loud, unpleasant, unexpected, or otherwise undesirable.

- **Decibel (dB).** A unitless measure of sound, expressed on a logarithmic scale and with respect to a defined reference sound pressure. The standard reference pressure is 20 micropascals (20 μPa).

- **Vibration Decibel (VdB).** A unitless measure of vibration, expressed on a logarithmic scale and with respect to a defined reference vibration velocity. In the U.S., the standard reference velocity is 1 micro-inch per second ($1x10^{-6}$ in/sec).

- **A-Weighted Decibel (dBA).** An overall frequency-weighted sound level in decibels that approximates the frequency response of the human ear.

- **Equivalent Continuous Noise Level (L_{eq}); also called the Energy-Equivalent Noise Level.** The value of an equivalent, steady sound level which, in a stated time period (often over an hour) and at a stated location, has the same A-weighted sound energy as the time-varying sound. Thus, the L_{eq} metric is a single numerical value that represents the equivalent amount of variable sound energy received by a receptor over the specified duration.

- **Statistical Sound Level (L_n).** The sound level that is exceeded "n" percent of time during a given sample period. For example, the L_{50} level is the statistical indicator of the time-varying noise signal that is exceeded 50 percent of the time (during each sampling period); that is, half of the sampling time, the changing noise levels are above this value and half of the time they are below it. This is called the "median sound level." The L_{10} level, likewise, is the value that is exceeded 10 percent of the time (i.e., near the maximum) and this is often known as the "intrusive sound level." The L_{90} is the sound level exceeded 90 percent of the time and is often considered the "effective background level" or "residual noise level."

- **Maximum Sound Level (L_{max}).** The highest RMS sound level measured during the measurement period.
- **Root Mean Square Sound Level (RMS).** The square root of the average of the square of the sound pressure over the measurement period.
- **Day-Night Sound Level (L_{dn} or DNL).** The energy-average of the A-weighted sound levels occurring during a 24-hour period, with 10 dB added to the sound levels occurring during the period from 10:00 PM to 7:00 AM.
- **Community Noise Equivalent Level (CNEL).** The energy average of the A-weighted sound levels occurring during a 24-hour period, with 5 dB added from 7:00 PM to 10:00 PM and 10 dB from 10:00 PM to 7:00 AM. NOTE: For general community/environmental noise, CNEL and L_{dn} values rarely differ by more than 1 dB (with the CNEL being only slightly more restrictive – that is, higher than the L_{dn} value). As a matter of practice, L_{dn} and CNEL values are interchangeable and are treated as equivalent in this assessment.
- **Peak Particle Velocity (PPV).** The peak rate of speed at which soil particles move (e.g., inches per second) due to ground vibration.
- **Sensitive Receptor.** Noise- and vibration-sensitive receptors include land uses where quiet environments are necessary for enjoyment and public health and safety. Residences, schools, motels and hotels, libraries, religious institutions, hospitals, and nursing homes are examples.

Characteristics of Sound

When an object vibrates, it radiates part of its energy in the form of a pressure wave. Sound is that pressure wave transmitted through the air. Technically, airborne sound is a rapid fluctuation or oscillation of air pressure above and below atmospheric pressure that creates sound waves.

Sound can be described in terms of amplitude (loudness), frequency (pitch), or duration (time). Loudness or amplitude is measured in dB, frequency or pitch is measured in Hertz [Hz] or cycles per second, and duration or time variations is measured in seconds or minutes.

Amplitude

Unlike linear units such as inches or pounds, decibels are measured on a logarithmic scale. Because of the physical characteristics of noise transmission and perception, the relative loudness of sound does not closely match the actual amounts of sound energy. Table 1 presents the subjective effect of changes in sound pressure levels. Ambient sounds generally range from 30 dBA (very quiet) to 100 dBA (very loud). Changes of 1 to 3 dB are detectable under quiet, controlled conditions, and changes of less than 1 dB are usually not discernible (even under ideal conditions). A 3 dB change in noise levels is considered the minimum change that is detectable with human hearing in outside environments. A change of 5 dB is readily discernible to most people in an exterior environment, and a 10 dB change is perceived as a doubling (or halving) of the sound.

Table 1 Noise Perceptibility

Change in dB	Noise Level

± 3 dB	Barely perceptible increase
± 5 dB	Readily perceptible increase
± 10 dB	Twice or half as loud
± 20 dB	Four times or one-quarter as loud

Source: California Department of Transportation (Caltrans). 2013, September. Technical Noise Supplement ("TeNS").

Frequency

The human ear is not equally sensitive to all frequencies. Sound waves below 16 Hz are not heard at all, but are "felt" more as a vibration. Similarly, though people with extremely sensitive hearing can hear sounds as high as 20,000 Hz, most people cannot hear above 15,000 Hz. In all cases, hearing acuity falls off rapidly above about 10,000 Hz and below about 200 Hz.

When describing sound and its effect on a human population, A-weighted (dBA) sound levels are typically used to approximate the response of the human ear. The A-weighted noise level has been found to correlate well with people's judgments of the "noisiness" of different sounds and has been used for many years as a measure of community and industrial noise. Although the A-weighted scale and the energy-equivalent metric are commonly used to quantify the range of human response to individual events or general community sound levels, the degree of annoyance or other response also depends on several other perceptibility factors, including:

- Ambient (background) sound level
- General nature of the existing conditions (e.g., quiet rural or busy urban)
- Difference between the magnitude of the sound event level and the ambient condition
- Duration of the sound event
- Number of event occurrences and their repetitiveness
- Time of day that the event occurs

Duration

Time variation in noise exposure is typically expressed in terms of a steady-state energy level equal to the energy content of the time varying period (called L_{eq}), or alternately, as a statistical description of the sound level that is exceeded over some fraction of a given observation period. For example, the L_{50} noise level represents the noise level that is exceeded 50 percent of the time; half the time the noise level exceeds this level and half the time the noise level is less than this level. This level is also representative of the level that is exceeded 30 minutes in an hour. Similarly, the L_2, L_8 and L_{25} values represent the noise levels that are exceeded 2, 8, and 25 percent of the time or 1, 5, and 15 minutes per hour, respectively. These "n" values are typically used to demonstrate compliance for stationary noise sources with many cities' noise ordinances. Other values typically noted during a noise survey are the L_{min} and L_{max}. These values represent the minimum and maximum root-mean-square noise levels obtained over the measurement period, respectively.

Because community receptors are more sensitive to unwanted noise intrusion during the evening and at night, state law and many local jurisdictions use an adjusted 24-hour noise descriptor called the Community Noise Equivalent Level (CNEL) or Day-Night Noise Level (L_{dn}). The CNEL descriptor requires that an artificial increment (or "penalty") of 5 dBA be added to the actual noise level for the hours from 7:00 PM to 10:00 PM and 10 dBA for the hours from 10:00 PM to 7:00 AM. The L_{dn} descriptor uses the same methodology

except that there is no artificial increment added to the hours between 7:00 PM and 10:00 PM. Both descriptors give roughly the same 24-hour level, with the CNEL being only slightly more restrictive (i.e., higher). The CNEL or L_{dn} metrics are commonly applied to the assessment of roadway and airport-related noise sources.

Sound Propagation

Sound dissipates exponentially with distance from the noise source. This phenomenon is known as "spreading loss." For a single-point source, sound levels decrease by approximately 6 dB for each doubling of distance from the source (conservatively neglecting ground attenuation effects, air absorption factors, and barrier shielding). For example, if a backhoe at 50 feet generates 84 dBA, at 100 feet the noise level would be 79 dBA, and at 200 feet it would be 73 dBA. This drop-off rate is appropriate for noise generated by on-site operations from stationary equipment or activity at a project site. If noise is produced by a line source, such as highway traffic, the sound decreases by 3 dB for each doubling of distance over a reflective ("hard site") surface such as concrete or asphalt. Line source noise in a relatively flat environment with ground-level absorptive vegetation decreases by an additional 1.5 dB for each doubling of distance.

Psychological and Physiological Effects of Noise

Physical damage to human hearing begins at prolonged exposure to noise levels higher than 85 dBA. Exposure to high noise levels affects the entire system, with prolonged noise exposure in excess of 75 dBA increasing body tensions, thereby affecting blood pressure and functions of the heart and the nervous system. Extended periods of noise exposure above 90 dBA results in permanent cell damage, which is the main driver for employee hearing protection regulations in the workplace. For community environments, the ambient or background noise problem is widespread, through generally worse in urban areas than in outlying, less-developed areas. Elevated ambient noise levels can result in noise interference (e.g., speech interruption/masking, sleep disturbance, disturbance of concentration) and cause annoyance. Since most people do not routinely work with decibels or A-weighted sound levels, it is often difficult to appreciate what a given sound pressure level number means. To help relate noise level values to common experience, Table 2 shows typical noise levels from familiar sources.

Table 2 Typical Noise Levels

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
Onset of physical discomfort	120+	
	110	Rock Band (near amplification system)
Jet Flyover at 1,000 feet		
	100	
Gas Lawn Mower at three feet		
	90	
Diesel Truck at 50 feet, at 50 mph		Food Blender at 3 feet
	80	Garbage Disposal at 3 feet
Noisy Urban Area, Daytime		
	70	Vacuum Cleaner at 10 feet
Commercial Area		Normal speech at 3 feet
Heavy Traffic at 300 feet	60	
		Large Business Office
Quiet Urban Daytime	50	Dishwasher Next Room
Quiet Urban Nighttime	40	Theater, Large Conference Room (background)
Quiet Suburban Nighttime		
	30	Library
Quiet Rural Nighttime		Bedroom at Night, Concert Hall (background)
	20	
		Broadcast/Recording Studio
	10	
Lowest Threshold of Human Hearing	0	Lowest Threshold of Human Hearing

Source: California Department of Transportation (Caltrans). 2013, September. Technical Noise Supplement ("TeNS").

Vibration Fundamentals

Vibration is an oscillatory motion through a solid medium in which the motion's amplitude can be described in terms of displacement, velocity, or acceleration. Vibration is normally associated with activities stemming from operations of railroads or vibration-intensive stationary sources, but can also be associated with construction equipment such as jackhammers, pile drivers, and hydraulic hammers. As with noise, vibration can be described by both its amplitude and frequency. Vibration displacement is the distance that a point on a surface moves away from its original static position; velocity is the instantaneous speed that a point on a surface moves; and acceleration is the rate of change of the speed. Each of these descriptors can be used to correlate vibration to human response, building damage, and acceptable equipment vibration levels. During construction, the operation of construction equipment can cause groundborne vibration. During the operational phase of a project, receptors may be subject to levels of vibration that can cause annoyance due to noise generated from vibration of a structure or items within a structure.

Vibration amplitudes are usually described in terms of either the peak particle velocity (PPV) or the root mean square (RMS) velocity. PPV is the maximum instantaneous peak of the vibration signal and RMS is the

square root of the average of the squared amplitude of the signal. PPV is more appropriate for evaluating potential building damage and RMS is typically more suitable for evaluating human response.

As with airborne sound, annoyance with vibrational energy is a subjective measure, depending on the level of activity and the sensitivity of the individual. To sensitive individuals, vibrations approaching the threshold of perception can be annoying. Persons accustomed to elevated ambient vibration levels, such as in an urban environment, may tolerate higher vibration levels. Table 3 displays the human response and the effects on buildings resulting from continuous vibration (in terms of various levels of PPV).

Table 3 Human Reaction to Typical Vibration Levels

Vibration Level, PPV (in/sec)	Human Reaction	Effect on Buildings
0.006–0.019	Threshold of perception, possibility of intrusion	Vibrations unlikely to cause damage of any type
0.08	Vibrations readily perceptible	Recommended upper level of vibration to which ruins and ancient monuments should be subjected
0.10	Level at which continuous vibration begins to annoy people	Virtually no risk of "architectural" (i.e. not structural) damage to normal buildings
0.20	Vibrations annoying to people in buildings	Threshold at which there is a risk to "architectural" damage to normal dwelling – houses with plastered walls and ceilings
0.4–0.6	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges	Vibrations at a greater level than normally expected from traffic, but would cause "architectural" damage and possibly minor structural damage

Source: California Department of Transportation (Caltrans). 2020, April. *Transportation and Construction Vibration Guidance Manual.* Prepared by ICF International.

LOCAL REGULATIONS AND STANDARDS

PUBLIC SAFETY

ELEMENT

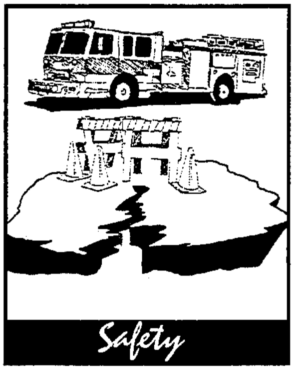
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OVERVIEW OF THE ELEMENT

Purpose



The Public Safety Element sets forth goals and policies focused toward enhancing the quality of life in South El Monte by providing a safe and relatively quiet environment for all community members. The Public Safety Element addresses natural and human-induced hazards that have the potential to impact the community, including hazards associated with excessive noise.

Natural hazards of concern in the City include geologic and seismic disasters such as earthquakes and their related effects, as well as flood hazards. Because South El Monte lies within a densely populated urban environment, future development requires careful consideration of geologic conditions and earthquake activity to ensure that risk to life and property are minimized. Planning for natural disasters heightens the community's ability to respond to an emergency.

Human-induced hazards present in the community are limited to urban fires, excessive noise, crime, and hazardous material accidents, which have the potential to cause serious personal injury and property damage. The Public Safety Element identifies the risks associated with these hazards, and outlines goals and policies that address safety and noise problems in the community. A coordinated planning process that considers effects of certain land uses on surrounding properties works toward ensuring public safety.

The goals presented in this Element focus on creating a safe environment, planning for all types of disasters, incorporating defensible designs for crime prevention, and reducing the potential for personal injury and property damage arising from natural and human-induced hazards.

Important Terms and Concepts

Describing some of the public safety issues addressed in this element requires use of certain technical terms and planning concepts not used in everyday conversation. The definitions below highlight the key terms used.

Earthquake Magnitude: An earthquake's magnitude is based on the size of the earthquake's seismic waves recorded on a seismogram. Magnitude of an earthquake is different from an earthquake's intensity, which is the effect of an earthquake on structures and people. Magnitude generally is rated and expressed using the Richter scale, which is a logarithmic scale. The amount of energy released, for example, from a 6.0 earthquake is 10 times greater than that associated with a 5.0 event. A large earthquake is considered to have a magnitude of 7.0 or greater. For purposes of comparison,

the 1987 Whittier earthquake registered a 5.9 magnitude, while the 1994 Northridge temblor was measured at 6.7.

100-year Flood: A 100-year flood event is a flood event that has a probability of occurring once every 100 years, or that has a 1-in-100 chance of occurring in a given year. The 100-year flood is not necessarily the greatest flood that could possibly occur in an area. Flooding from normal winter storms, when storm drain systems are filled to capacity or are clogged with debris, has the potential to be as disastrous as the 100-year flood.

Floodplain areas are mapped by the Federal Emergency Management Agency as part of the National Flood Insurance Program. Flood Insurance Rate Maps categorize flood prone areas into flood zones, including the 100-year and 500-year flood zones.

Noise Standards: Noise is generally defined as unwanted or intrusive sound. Because noise consists of pitch, loudness, and duration, it is difficult to describe noise with a single unit of measure. The A-weighted decibel scale (dBA) is used to describe the loudness of a sound, or noise environment.

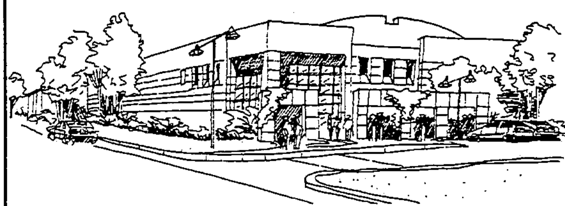
Federal and state agencies have established noise and land use compatibility guidelines that use averaging approaches to noise measurement. Two measurement scales commonly used in California are the Community Noise Equivalent Level (CNEL) and the day-night level (L_{dn}). In order to account for increased human sensitivity at night, the CNEL level includes a five-decibel penalty on noise during the 7:00 p.m. - 10:00 p.m. time period and a ten-decibel penalty on noise during the 10:00 p.m. - 7:00 a.m. time period. The L_{dn} level includes only the ten decibel weighting for late-night noise. These values are nearly identical for all but unusual noise sources.

The Federal and State guidelines established for noise/land use compatibility are all based upon cumulative noise criteria such as L_{eq} (equivalent noise level), CNEL, or L_{dn}. The State Department of Housing and Community Development regulates noise levels in residential areas, requiring that sufficient insulation be provided to reduce interior ambient noise levels to 45 dBA CNEL.

Defensible Space: Defensible space is a design concept that promotes site planning and building design features aimed toward preventing safety and security problems. Defensible spaces are areas that are highly visible and well lighted to deter vandals and criminals. Defensible design can be incorporated into both industrial and commercial development, as well as housing.

The illustrations on the following page show typical design standards that can promote public safety. Defensible design features that can be incorporated into nonresidential development include the following:

- Well-lighted parking lots and driveways.
- Walkways that are well defined and connected to a particular building.
- Gates that help transition visitors and employees from the parking lot or street to the interior of the building.
- Exterior areas that are visible from the surrounding structures and businesses.



Defensible design for commercial and industrial developments

Residential defensible design features include the following:

- Well-lighted driveways and parking areas.
- Walkways that are well defined and connected to a particular home or property.
- Gates that help transition visitors and residents from the driveway or street to the interior of the home.
- Entrances that are visible from the street and surrounding homes.
- Visible common recreation areas.



Defensible design for residential uses

Related Plans and Programs

Other City and regional plans and programs related to the public safety and emergency response planning include the City's *Emergency Operations Manual,* the Federal Emergency Management Agency's flood insurance program, and mutual aid agreements that South El Monte maintains with surrounding jurisdictions. These and other safety-related programs are described below. Related programs are important to consider to ensure that the City has strong, comprehensive, and compatible tools to guide development decisions.

South El Monte *Emergency Operations Manual*

The South El Monte *Emergency Operations Manual* was developed to address the City's planned response to extraordinary emergencies such as natural disasters, technological incidents, and nuclear defense operations. Developed as a preparedness document, the purpose of the operations manual is to ensure appropriate response to a variety of emergency situations. The City's *Emergency Operations Manual* is part of a statewide emergency management system. The plan includes operational concepts, identifies management organization, and describes responsibilities in the event of an emergency. The plan is categorized by phases in which to operate before, during, and after an emergency.

An emergency plan is essential to a community for implementing emergency response. The plan is most effective when it is well publicized and easily understood by the community.

Seismic Hazards Mapping Act

The Seismic Hazards Mapping Act of 1990 requires the State Geologist to compile maps identifying and describing seismic hazard zones throughout California. Guidelines prepared by the State Mining and Geology Board identify the responsibilities of State and local agencies in the review of development within seismic hazard zones. Development on a site that has been designated as a seismic hazard zone requires a geotechnical report and local agency consideration of the policies and criteria established by the Mining and Geology Board (Public Resources Code Section 2690 et seq.).

FEMA Flood Insurance Program

The National Flood Insurance Act includes provisions for the National Flood Insurance Program. Participating jurisdictions must exercise land use controls and purchase flood insurance as a prerequisite for receiving funds to purchase or build a structure in a flood hazard area. The opportunity exists for the City to participate in the National Flood Insurance Program (NFIP) through the Federal Emergency Management Agency (FEMA). The NFIP provides federal flood insurance subsidies and federally financed loans for eligible property owners in flood-prone areas.

The City is rated as being within a "No Special Flood Hazard Area." Should this rating change at any time, NFIP benefits would be available to South El Monte.

Mutual Aid Agreements

The statewide mutual aid system was designed to ensure that adequate resources, facilities, and other support are provided to jurisdictions whenever their own resources prove to be inadequate to cope with a given situation. The statewide system is divided into six regions. South El Monte lies within Mutual Aid Region One, which includes Los Angeles and Orange Counties. The City maintains mutual aid agreements that require:

- Developing and maintaining current emergency plans which are compatible with the California Emergency Plan and the California Master Mutual Aid Agreement, and are designed to apply local resources in meeting the emergency requirements of the immediate community or its neighbors, and coordinate such plans with those neighboring jurisdiction's to ensure mutual compatibility.

- Maintaining liaison with the appropriate Office of Emergency Services (OES) Mutual Aid Region Office and neighboring jurisdictions.

- Responding to requests for mutual aid.

- Dispatching situation reports to the appropriate Operational Area Coordinator and/or OES Mutual Aid Region as the emergency situation develops and as changes in the emergency situation dictate.

- Requesting assistance from neighboring jurisdictions, and/or the Operational Area, as necessary and feasible.

- Receiving and employing resources as may be provided by neighboring jurisdictions and state, federal, and private agencies.

- Carrying out emergency regulations issued by the Governor.

California Environmental Quality Act Law and Guidelines (CEQA)

The California Environmental Quality Act, or CEQA, requires a thorough analysis of potential environmental consequences resulting from a development project or from a plan that guides future development. CEQA provides a means by which City officials and the general public can identify the potential impacts a project will have on the community, and to allow for mitigation or avoidance of such impacts.

California Noise Insulation Standards (Title 24)

In 1974 the California Commission on Housing and Community Development adopted noise insulation standards for residential buildings (Title 24, Part 2, California Code of Regulations). Title 24 establishes standards for interior room noise (attributable to outside noise sources) and also specifies that acoustical studies must be prepared whenever a residential building or structure is proposed to be located within exterior CNEL (or L_{dn}) contours of 60 dB or greater attributable to an existing or adopted

freeway, expressway, parkway, major street, thoroughfare, rail line, rapid transit line, or industrial noise source. The acoustical analysis must show that the building has been designed to limit intruding noise to an interior CNEL (or L_{dn}) of 45 dB.

Summary of Issues

Geologic and Seismic Hazards

Geologic and seismic issues relevant to South El Monte include the following:

- Proximity of earthquake faults relative to important emergency facilities in South El Monte. The Whittier Heights Fault passes close to South El Monte City Hall, the Greater El Monte Community Hospital, and the fire station.
- The durability of structures, given the threat of earthquakes from local and regional faults. Unreinforced structures built prior to 1974 are particularly susceptible to earthquake damage and present potential hazards to persons.
- Subsurface soil conditions in association with shallow groundwater. Groundwater depths in many areas of the City range from 15 to 35 feet below the surface. In the event of an earthquake, such conditions can cause soils to "liquefy" and loose structure, posing hazards to buildings lacking appropriate footings and foundations. State seismic hazards maps identify South El Monte as lying entirely within a liquefaction hazard zone. Excavations for large projects may encounter groundwater and possibly will require liquefaction studies and appropriate remediation.

Flood Hazards

The following issues are important for protecting the community from flood damage resulting from storms and potential dam failure:

- The location and level of flood zones. The area immediately south of State Route 60 (Pomona Freeway) is susceptible to flooding during major storm events. Also, ponding on certain local streets occurs during heavy rainfalls.
- South El Monte lies within the inundation area for the Santa Fe and Puddingstone Dams. While the City has no control over these facilities, appropriate disaster planning and advocacy efforts work to minimize hazards.

Urban Noise and Land Use Planning

Noise in the urban environment can affect the quality of life for residents. South El Monte is subjected to typical urban noises such as noise generated by traffic, heavy machinery, and day-to-day outdoor activities. Noise caused by aircraft flying in and out of El Monte Airport does not affect the community and is not a concern. Important noise considerations include:



Greater El Monte Community Hospital: a welcome local resource

- As the population increases in and around the City, traffic volumes will increase and present potential noise problems along primary travel routes such as Rosemead Boulevard, Garvey Avenue, Peck Road, and Durfee Avenue.
- Noise levels from traffic on the Pomona Freeway will impact adjacent residential neighborhoods.
- Noise created from temporary activities such as construction and gardening can impact adjacent properties.
- Industrial and commercial activities that use heavy machinery may create excessive noise levels. Of particular concern are impacts on residential uses located within industrial areas of South El Monte.

Fire Hazards And Hazardous Materials

Urban fire hazards arise from the presence of businesses that use, store, or manufacture flammable and/or explosive materials. Persons living in homes located within and adjacent to industrial zones may be exposed to such hazards.

Emergency Preparedness

Recognizing the hazards that pose risks to life and property represents the first step toward planning appropriate emergency response. Emergency preparedness planning must also consider:

- The need to address both natural and human-induced disaster response.
- Appropriate fire-fighting and protection services to address urban fire hazards, coupled with adequate infrastructure and access.
- The presence of housing in industrial zones.

- The location of emergency response facilities relative to hazard zones, transportation routes, and the population being served.

Crime Prevention

The following crime prevention issues are important for ensuring public safety:

- Using defensible designs for new construction and redevelopment in the City, to work in tandem with law enforcement efforts.

GEOLOGIC AND SEISMIC HAZARDS

Geologic and seismic activity have the potential to create widespread personal injury and property damage. South El Monte is affected by several seismic and geologic hazards at both the regional and local levels. High-intensity ground shaking (earthquake-induced strong ground motion), ground failure (liquefaction and shallow groundwater, and dynamic compaction and consolidation), and seismically induced surface rupture (fault rupture) represent the primary hazards.

At the local level, ground surface fault rupture could occur along the Whittier Heights fault, a splay of which has been mapped through South El Monte as a buried fault. Figure PS-1 identifies the fault trace beneath the interchange of the Pomona and San Gabriel River freeways, passing northwest to about Tyler Street. Geological evidence suggests that the fault is sufficiently buried so as not to represent a risk of ground surface rupture in the event of an earthquake. The primary associated hazard is ground shaking. Ground shaking, depending on its severity and duration, in a worst case situation can cause buildings to wholly or partially collapse.

An important consideration regarding the Whittier Heights fault is the fact that the fault passes near City Hall and the Greater El Monte Community Hospital. These critical facilities must remain functional during any type of disaster. This condition is discussed below under *Emergency Preparedness*.

The regional faults that would have the most adverse ground shaking effects on the City are the Whittier-North Elsinore Fault, the Elysian Park fault system, the Sierra Madre-San Fernando fault zone, and the San Andreas fault zone (Mojave segment) (Figure PS-2).

The effect of an earthquake originating along any given fault will depend upon its distance from South El Monte and the size earthquake that the fault is likely to generate. The largest estimated (credible) earthquake along the Whittier-North Elsinore Fault, the closest known active fault, is estimated to be 7.5 on the Richter Scale. Of the known active faults within a 62-mile radius of South El Monte, the San Andreas Fault is expected to have the greatest magnitude (8.3 Richter scale). However, because of its distance from the City, the intensity of ground shaking expected to be felt in South El Monte from an earthquake on the San Andreas is less than the intensity of an earthquake of lower magnitude along a fault located closer to the City.

Other effects directly related to ground shaking include pipeline rupture, street cracking, and objects falling within homes and businesses. Secondary effects that can result from ground shaking are ground subsidence, liquefaction, ground buckling, and dam failure. In South El Monte, seismic-related issues to account for in land use planning are liquefaction, pipeline rupture, and inundation due to dam failure.

As described in the *Summary of Issues* section of this element, liquefaction represents a condition whereby a combination of high groundwater and loose soils causes soils to

lose cohesion, or "liquefy," when subject to intense shaking. Buildings located on such soils can collapse if they lack appropriate footings and foundations. The entire City of South El Monte is located within a liquefaction zone.

A 30-inch diameter high pressure gas pipeline extends along Fern Street-Elliot Avenue, passing through the City in an east-west direction. A 16-inch diameter high pressure line parallels Tyler Avenue north of Weaver Avenue. If the lines were to rupture in the event of an earthquake, a fire might result. The use of Tyler and Rosemead Avenues as evacuation routes could be affected.

Dam failure due to seismic activity has the potential to impact South El Monte and many communities in the San Gabriel Valley. The Santa Fe Dam in the San Gabriel Mountain foothills and Puddingstone Dam near San Dimas represent the two dams of concern. The U.S. Army Corps of Engineers flood emergency plan data indicate that failure of the Santa Fe Dam would result in the entire area of the City being flooded. Water depths would range from two to ten feet, with shallower depths in the northern portion and deeper in the southern portion of the City. Figure PS-3 indicates the potential extent and the depth of such flooding and the speed of flood water flows.

State law requires every reservoir owner to develop and maintain an emergency plan to be implemented if the dam is catastrophically breached. Each dam-specific emergency plan includes a map that shows the potential limits of a flood that could result if the dam should fail while filled to capacity. These flood maps are pictured as a worst-case scenario. Since most dams in Southern California are not normally filled to capacity, the possibility of inundation from either dam is remote.

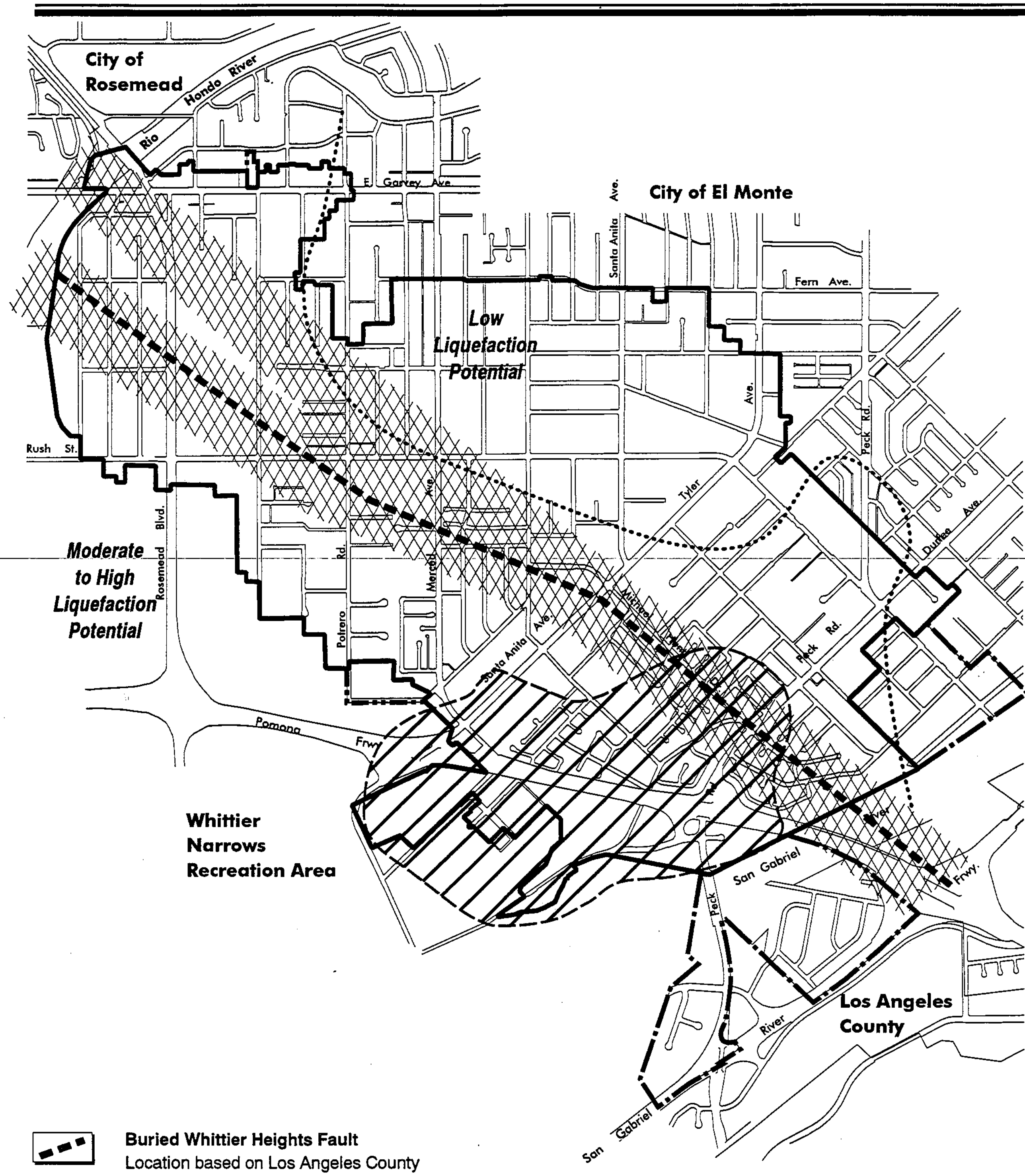
Goal 1.0
Reduce the risk of danger related to natural hazards.

Policy 1.1
Establish an ordinance requiring the retrofit of unreinforced masonry buildings and the seismic reinforcement of buildings constructed prior to 1971 that are susceptible to damage in the event of an earthquake.

Policy 1.2
Require liquefaction studies to be prepared for new development proposed to be located in areas of the City with high susceptibility to liquefaction hazards.

Policy 1.3
Work with owners of high pressure gas lines to ensure that the lines are adequately safeguarded against rupture in the event of an earthquake.

Policy 1.4
Participate in regional programs to establish early warning systems that will alert residents and business people in the event of dam failure.



Buried Whittier Heights Fault
Location based on Los Angeles County Safety Element (1990; Plate 1)

Cautionary Zone for Potential Surface Fault Rupture
Defined as 500 feet from possible buried fault features

Area Where Non-Engineered Fill May Be a Stability Concern

City Boundary

Sphere of Influence

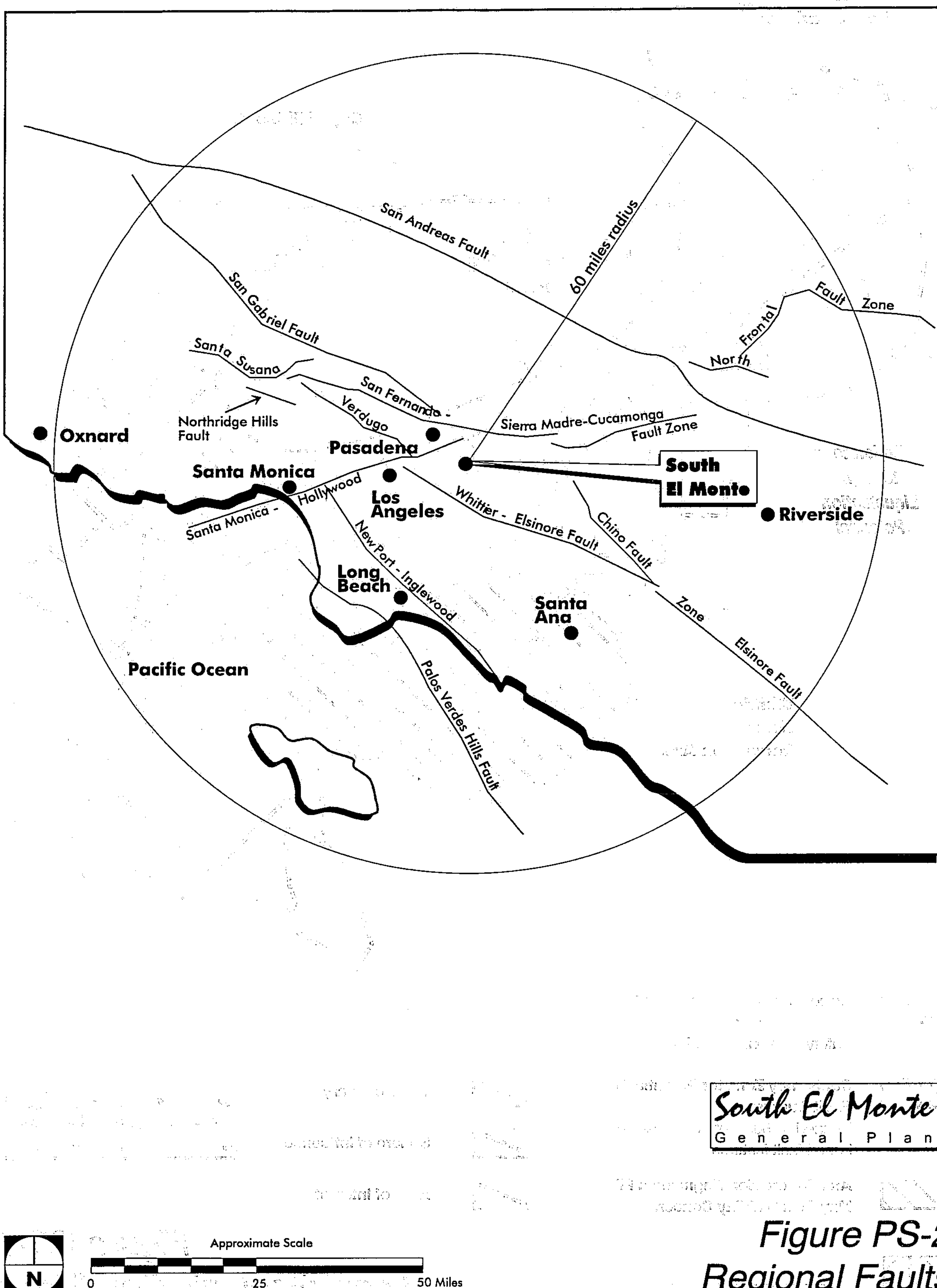
Area of Interest

South El Monte
General Plan

N

1000' 0 1000' 2000'

Figure PS-1
Local Geologic Conditions



South El Monte General Plan

Figure PS-2
Regional Faults

FLOOD HAZARDS

Flooding has the ability to create considerable personal injury and damage to property. The risk of flood damage can be reduced through proper land use planning and development of an adequate emergency response plan. Floods caused by extreme weather conditions or dam failure of the Santa Fe or Puddingstone Dam, discussed above, are the most likely types of flooding to occur in South El Monte.

Although South El Monte does not lie within a delineated 100-year flood zone, localized ponding related to storm water runoff represents a minor flood hazard. Figure PS-3 identifies those areas of the City susceptible to ponding. The problems result largely from inadequate drainage devices and/or streets that were not designed to accommodate the current runoff levels. Also, the City's location at the low end of the regional drainage basin creates conditions whereby storm waters can easily overwhelm the drainage system during a sudden, heavy rain storm.

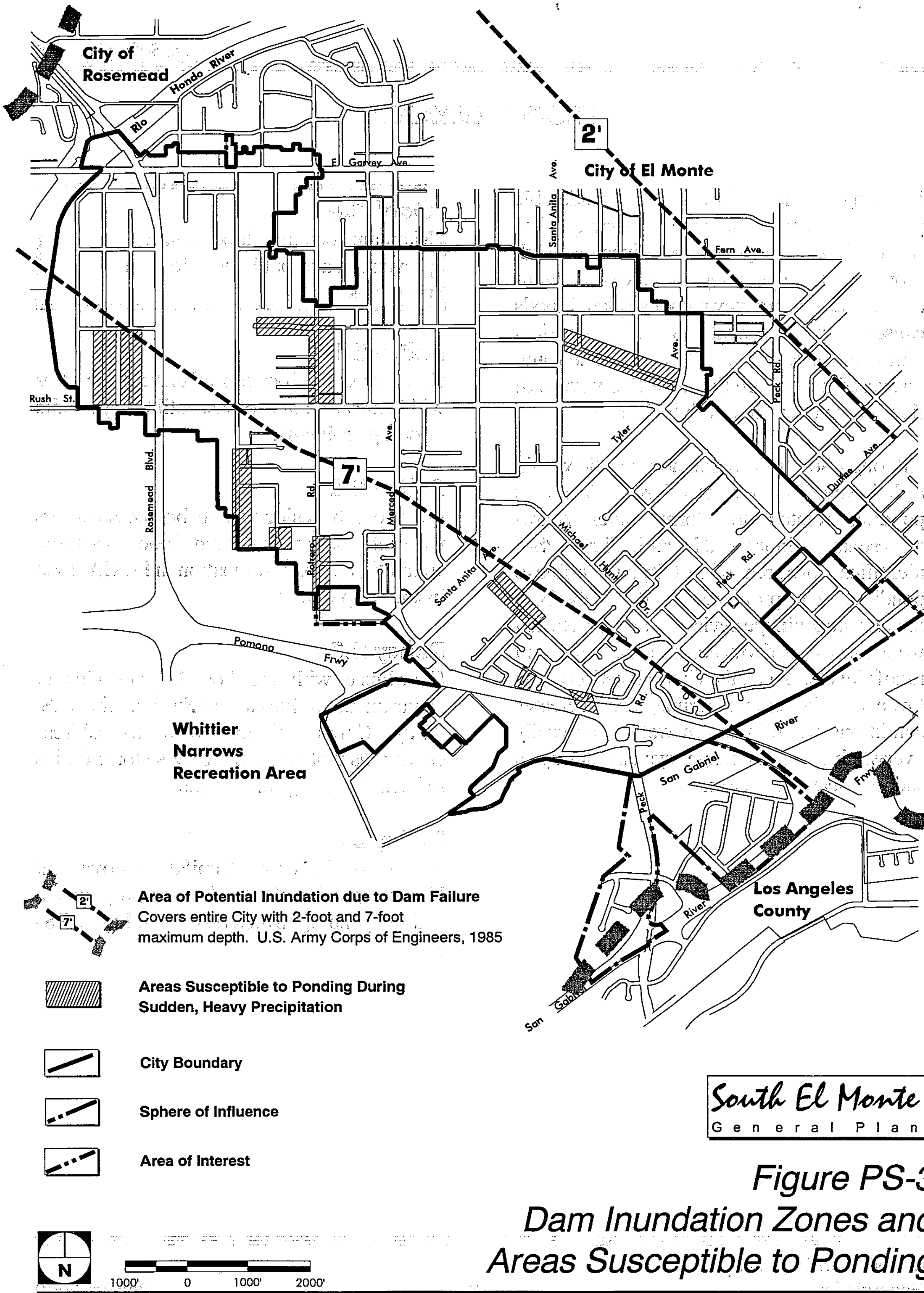
Goal 2.0
Maintain adequate flood hazard prevention and public notification programs.

Policy 2.1
Discourage the location of critical facilities within areas of the City susceptible to periodic flooding problems.

Policy 2.2
Provide City residents and business owners with information regarding flood zones and areas eligible for participation in FEMA flood insurance programs.

Policy 2.3
Coordinate with the Los Angeles County Department of Public Works and the U.S. Army Corps of Engineers to address conditions that cause the City's storm drains to back up during rain storms.

Policy 2.4
As part of the City's Capital Improvement Plan programing efforts, develop programs to address ponding in areas shown in Figure PS-3.



South El Monte
General Plan

Figure PS-3
Dam Inundation Zones and Areas Susceptible to Ponding

NOISE AND LAND USE PLANNING

Construction projects, industrial operations, property maintenance, and other activities that require the use of machinery can generate significant noise. Also, vehicle traffic along the City's street system can cause substantial noise intrusion into residential neighborhoods. Figure PS-4 identifies future projected noise levels that are expected to result from traffic activity.

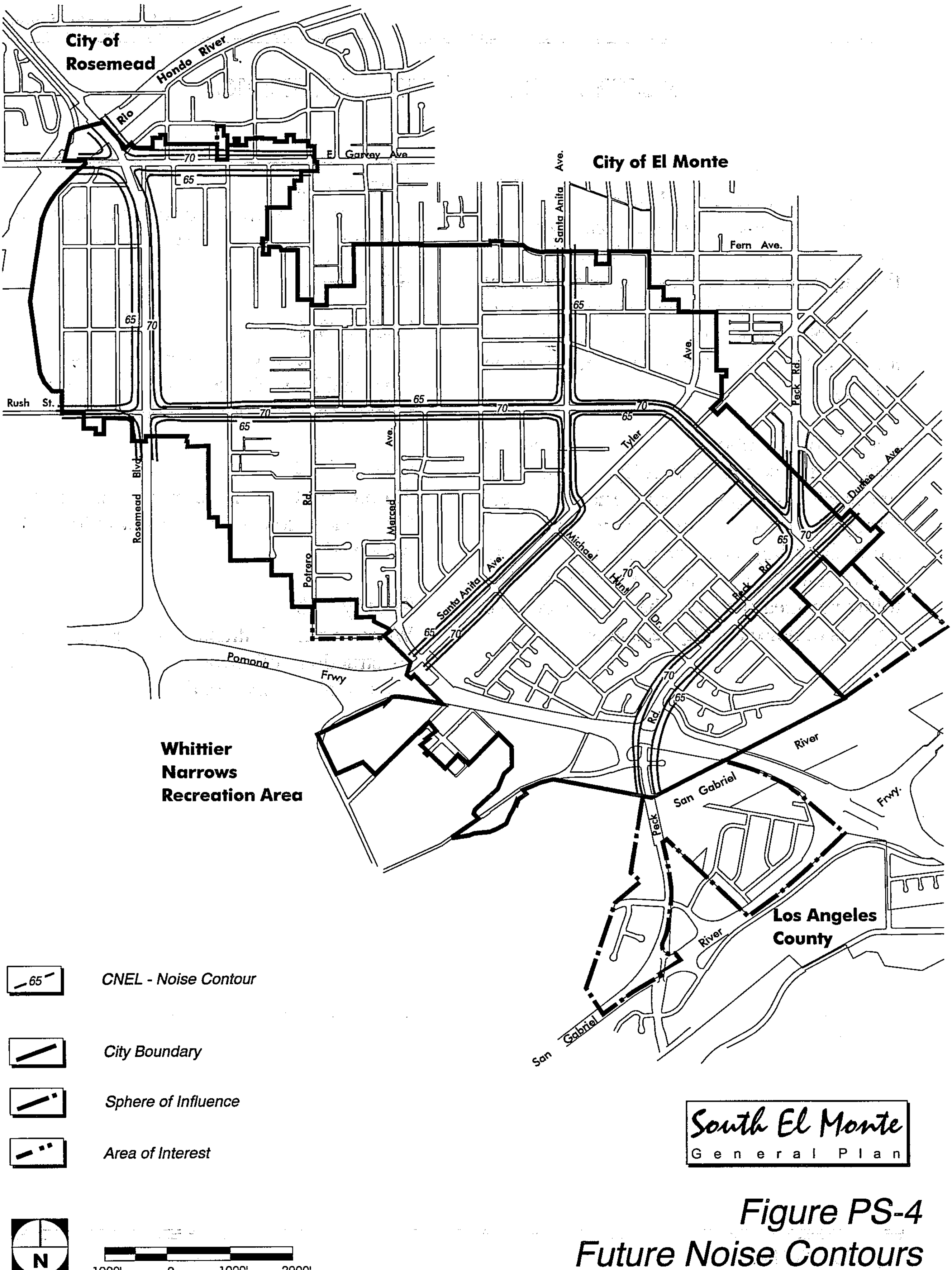
Early consideration of the relationship between the sources and recipients of noise represents one way to minimize noise impacts throughout the community. Some areas that are already impacted by noise may require improvements to increase compatibility. The following measures will help to reduce the impacts of noise on City residents.

Goal 3.0
Minimize the adverse effects of excessive or unusual noise on the City's residential and business populations.

Policy 3.1
Use the noise/land use compatibility standards presented in Table PS-1 as a guide for future planning and development decisions.

Policy 3.2
Enforce the City's noise ordinance using both City code enforcement and law enforcement personnel.

Policy 3.3
Work with Caltrans to ensure timely construction of sound walls to protect residential neighborhoods from freeway noise.



South El Monte
General Plan

Figure PS-4
Future Noise Contours

Table PS-1
Noise/Land Use Compatibility Chart

Land Use Categories		Community Noise Equivalent Level (CNEL)						
Categories	Land Uses	<55	60	65	70	75	80>	
Residential	Single-Family, Duplex, Multiple Family, Mobile Homes	A	B	C	C	C	D	D
Mixed Use	Residential, Retail, and Service Commercial	A	B	B	C	C	C	D
Commercial	Hotel, Motel, Transient Lodging	A	A	B	B	C	C	D
Commercial	General Retail, Bank, Restaurant, Entertainment	A	A	A	B	B	B	C
Commercial Commercial Manufacturing Industrial Public Facilities	Professional Offices, Research and Development, City Hall	A	A	A	B	B	C	D
Commercial Commercial Manufacturing Industrial	Automobile Sales and Services, Manufacturing, Warehousing, Wholesale, Utilities	A	A	A	A	A	B	B
Public Facilities	Hospital, Church, Library, Schools	A	B	B	C	C	D	D
Parks	Parks	A	A	A	B	C	D	D

Zone A
Clearly Compatible
Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.

Zone B
Normally Compatible
New construction or development should be undertaken only after detailed analysis of the noise reduction requirements are made and needed noise insulation features in the design are determined. Conventional construction with closed windows and fresh air supply systems or air conditioning, will normally suffice.

Zone C
Requires Analysis and Mitigation
Potential noise impacts exist. If new construction or development is proposed, a detailed analysis of noise reduction requirements must be made and needed noise insulation features included in the design.

Zone D
Clearly Incompatible
New construction or development should generally not be undertaken.

FIRE HAZARDS

The potential for fire hazards is increased when flammable and/or explosive materials are improperly stored, handled, or used. Fire protection, education, and awareness will help ensure the safety of the community. Adequate water supply and pressure also must be available to properly fight a fire.

In South El Monte, fire response and prevention services are provided by the Los Angeles County Fire Department. To provide appropriate service, the Department requires a minimum street width of 26 feet, as well as sufficient clearances around structures. Minimum safety standards for water supply, road width, access, and turning radius for fire vehicles are required to ensure public safety and to maintain an adequate level of fire protection.

Goal 4.0
Strive to maintain the following Insurance Service Organization (ISO) ratings citywide: rating of 3 for residential uses and rating 3 for commercial and industrial uses.

Policy 4.1
Review the City's contract with the Los Angeles County Fire Department annually to ensure that adequate fire protection services are provided.

Policy 4.2
Maintain programs that require the periodic inspection of businesses that use, store, or manufacture flammable and/or explosive materials.

Policy 4.3
Utilize the expertise of County Fire Department personnel to review development proposals where fire hazards are of concern.

HAZARDOUS MATERIALS

The California Health and Safety Code defines a hazardous material as any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant potential hazard to human health and safety, or to the environment if released into the work place or environment. Release of hazardous materials can occur during natural disasters, such as earthquakes. High temperatures can cause some materials to explode or ignite. Release can also occur from improper storage and handling. As an industrial community, South El Monte has a multitude of businesses that maintain hazardous materials on site.

While Federal, State, and local regulations work to provide safeguards, accidents can happen. A condition of particular concern in South El Monte is the presence of residential homes within and adjacent to industrial uses that may manufacture, use, transport, handle, or dispose of hazardous materials. Residents, as well as business owners and employees, are in danger of suffering the consequences associated with an adverse hazardous materials incident.

Goal 5.0
Protect the resident and business populations from potential hazards associated with the use, storage, manufacture, and transportation of toxic and hazardous materials in and through the City.

Policy 5.1
Work toward the gradual removal of nonconforming residential uses from industrial zones.

Policy 5.2
Cooperate with responsible Federal, State, and county agencies to reduce the risk from the use and transport of hazardous materials.

Policy 5.3
Continue to contract with Los Angeles County for services provided by the Hazardous Materials Response Team.

EMERGENCY PREPAREDNESS

Any type of natural or human-induced disaster has the potential to impact infrastructure important to emergency response. Proper planning to ensure access to critical facilities such as utilities, freeways, roadways, schools, and emergency care facilities can work to minimize loss of life and property damage whenever disasters occur.

The City's Emergency Operations Manual will require updating on a regular basis to ensure that all appropriate services, facilities, and staff are well prepared for disaster. This manual includes evacuation procedures, identifies responsible parties, and names resources to use in the event of emergency.

One identified resource is the Greater El Monte Community Hospital, located on Santa Anita Avenue. The hospital was constructed in 1974 under strict seismic codes. The hospital lies about 500 feet northeast of the buried Whittier Fault, which may present problems should an earthquake occur along that particular fault. Given this circumstance, routine earthquake preparedness training should be conducted for hospital staff.

City Hall, which serves as the Emergency Operations Center (EOC), also lies in close proximity to the Whittier Fault. As described under *Geologic and Seismic Hazards* above, surface fault rupture is not a concern, but City Hall could be subject to extensive shaking associated with an earthquake along the fault. Emergency planning dictates that the EOC remain functional during any type of disaster.

Preparation for emergencies is imperative to reduce the risks associated with emergency situations. Personal injury and property damage can be minimized through the following goals, policies, and preventative measures.

Goal 6.0
Develop procedures to deal effectively with the City's response to natural and human-induced emergencies.

Policy 6.1
Keep the City's Emergency Plan up to date and relevant to all types of disasters affecting the City.

Policy 6.2
Ensure that the City's Emergency Plan includes procedures to provide assistance to residents unable to leave their homes in the event of an order to evacuate.

Policy 6.3
Promote continued public awareness of emergency procedures for South El Monte residents, the business population, City staff, and public officials.

Policy 6.4
Establish a secondary or back-up local emergency operations center that can function in the event of damage to the City's primary emergency operations center.

CRIME PREVENTION

South El Monte contracts with the Los Angeles County Sheriff's Department for law enforcement services. The contract is reviewed periodically to ensure that the City is receiving the appropriate level of crime prevention and response service.

Crime prevention allows a city to take positive action toward creating safe environments for residents, as well as creating an inviting business community. Incorporating defensible space considerations into site planning and building design represents a pro-active approach to deterring crime.

Goal 7.0
Provide safe environments for City residents and businesses.

Policy 7.1
Continually assess the level of law enforcement and crime prevention services provided by the Los Angeles County Sheriff, and adjust levels as appropriate to meet the City's community safety goals.

Policy 7.2
Develop defensible space guidelines to be used in the review of development proposals.

Chapter 8.20 - NOISE REGULATIONS

Sections:

8.20.010 - Definitions.

For the purposes of this chapter, the words, terms and phrases set forth below shall have the meanings and construction therein given, except where used in a context which clearly indicates a different meaning or construction:

A. "A-weighted sound level" means the sound level in decibels as measured on a sound level meter using the A-weighted network. The level so read is designated db(A) or dbA.

B. "Ambient noise level" means the normal or existing level of environmental noise at a given location, not including the particular noise being measured or considered.

C. "Decibel" means a unit for measuring the amplitude of a sound, equal to twenty times the logarithm to the base ten of the ratio of the pressure of the sound measured to a reference pressure of twenty micropascals.

D. "Impulsive sound" means a sound of short duration, usually less than one second, with an abrupt onset and a rapid decay. Examples of sources of impulsive sound include explosions, drop forge impacts, and the discharge of firearms.

E. "Intrusive noise" means noise which intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends upon its amplitude, duration, frequency and time of occurrence, and tonal or information content as well as the prevailing ambient noise level.

F. "Noise disturbance" means any sound which (i) endangers or injures the safety or health of human beings or animals, or (ii) annoys or disturbs reasonable persons of normal sensitivities, or (iii) endangers or injures personal or real property or (iv) violates the limits set forth in Section 8.20.020.

G. "Public property" means any property or structures owned or controlled by a governmental entity, including easements for road purposes.

H. "Real property boundary" means an imaginary line along the ground surface, and its vertical extension, which separates the real property owned by one party from that owned by another.

I. "Sound level meter" means an instrument, including a microphone, an amplifier, an output meter, and frequency weighting networks for the measurement of sound levels, which meets or exceeds the requirements for type S2A meters in American National Standards Institute (ANSI) specifications for sound level meters, SI.4-1971, or the most recent revision thereof.

J. "Vibration perception threshold" means the minimum ground or structure borne vibrational motion necessary to cause a normal person to be aware of the vibration by such direct means as, but not limited to, sensation by touch or visual observation of moving objects. A motion velocity 0.01 inches per second over the range of 1 to 100 hz shall create a rebuttable presumption that the vibration perception threshold has been met.

(Prior code §5-13-1)

8.20.020 - Exterior noise limits.

A. Maximum Permissible Sound Levels By Receiving Land Use.

1. No person shall operate or cause to be operated any source of sound at any location within the city or allow the creation of any noise on property owned, leased or occupied or otherwise controlled by such person, which causes the noise level when measured on any other property to exceed:
   a. The exterior noise limit for that land use or zone as specified in Table 1 or Table 2 for a cumulative period of more than thirty minutes in any hour; or
   b. The exterior noise limit for that land use or zone as specified in Table 1 or Table 2 plus 5 dbA for a cumulative period of more than fifteen minutes in any hour; or
   c. The exterior noise limit for that land use or zone as specified in Table 1 or Table 2 plus 10 dbA for a cumulative period of more than five minutes in any hour; or
   d. The exterior noise limit plus 15 dbA for a cumulative period of more than one minute in any hour; or
   e. The exterior noise limit for that land use or zone as specified in Table 1 or Table 2 plus 20 dbA for any period of time.
2. In the event the alleged offensive noise contains a steady , audible tone such as a whine, screech, or hum, or it is a repetitive noise such as a hammering or riveting, or contains music or speech conveying informational content, the exterior noise limits set forth in Tables 1 and 2 shall be reduced by 5 dbA.
3. If the measured ambient noise level exceeds that permissible within any of the first four noise limit categories above, the allowable noise limits set forth in Table 1 or 2 shall be adjusted in 5 dbA increments in each category as appropriate to encompass or reflect the ambient nose level. In the event the ambient noise level exceeds the fifth noise limit category, the exterior noise limit under the fifth category shall be increased to reflect the maximum ambient noise level.
4. Noise Measurement Procedure. The noise level shall be measured as a position or positions at any point on the receivers property utilizing the A~weighting scale of the sound level meter and the "slow" meter response for non-impulsive type noises and "fast" response for impulsive type sounds. When feasible, the microphone shall be located approximately four to five feet above the ground and ten feet or more from the nearest reflective surface. In those cases where the standard elevation is not feasible, the most closely approximate elevation possible shall be utilized. Calibration of the measurement equipment, utilizing an acoustical calibrator, shall be performed immediately prior to recording any noise data.

TABLE 1

EXTERIOR NOISE LIMITS BY ZONE

RECEIVING LAND ZONING CATEGORY	TIME PERIOD	NOISE LEVEL STANDARD (dbA)
One or Two Family Residential Zone	10 p.m.--7 a.m. 7 a.m.--10 p.m.	45 55
Multiple Dwelling Residential Zone, Public Zone	10 p.m.--7 a.m. 7 a.m.--10 p.m.	50 60
Commercial Zone or Commercial-Manufacturing Zone	10 p.m.--7 a.m. 7 a.m.--10 p.m.	55 60
Manufacturing Zone	Any time	70

TABLE 2

EXTERIOR NOISE LIMITS BY USE

RECEIVING LAND ZONING CATEGORY	TIME PERIOD	NOISE LEVEL STANDARD (dbA)
Property Partially or Entirely Developed for One or Two Family Residential Uses	10 p.m.--7 a.m.	45
Property Partially or Entirely Developed for Multi-Family Residential Uses	10 p.m.--7 a.m.	50

B. Vibration. No person shall operate or permit the operation of any device or machine that creates a vibration above the vibration perception threshold when measured at or beyond the property boundary of the source.

(Ord. 742 §1, 1985; prior code §5-13-2)

8.20.030 - Prohibited acts.

A. No person shall offer for sale, sell, or advertise by shouting or outcry within any residential or commercially developed portion of the city. The provisions of this section shall not be construed to prohibit the selling by outcry of merchandise, food and beverages at licensed sporting events, parades, fairs, circuses or other similar licensed public entertainment.

B. No person shall permit any animal owned or possessed by that person frequently or for extended

periods of time to make any sound or sounds which create a noise disturbance across a residential or commercial real property line.

C. No person shall load, unload, open, close or handle boxes, crates, containers, building materials, metal, equipment or other objects or personal property between the hours of ten p.m. and seven a.m. in such manner as to cause a noise disturbance across the real property line of an adjacent or nearby property developed entirely or partially for residential use.

D. No person shall operate or cause or authorize the operation of any tools or equipment used in construction, drilling, repair, alteration or demolition work between the hours of ten p.m. and seven a.m., or at any time on weekends or holidays, such that the sound therefrom creates a noise disturbance across the real property line of an adjacent or nearby property developed entirely or partially for residential use.

E. No person shall sound or permit the sounding of any electronically amplified signal from any stationary bell, chime, siren, whistle, or similar device, for more than ten seconds in any hourly period. Houses of religious worship shall be exempt from this provision.

F. No person shall intentionally sound or authorize the sounding outdoors of any fire, burglar, or civil defense alarm, siren, whistle, or similar stationary emergency signaling device, except for emergency or testing purposes.

G. No person shall test a stationary emergency signaling device before seven a.m. or after seven p.m. nor test any such device for more than sixty seconds.

H. No person shall operate or permit the operation of any mechanically powered saw, sander, drill, grinder, lawn or garden tool, or any tool involved in any manufacturing process, so as to create a noise disturbance across a real property boundary line of property developed entirely or partially for residential use.

I. No person shall operate any motor, machinery or pump including, but not limited to, swimming pool equipment or any machinery involved in any manufacturing process, so as to create a noise disturbance across a real property boundary line of property developed entirely or partially for residential uses.

J. No person shall operate or permit the operation of any loudspeaker, musical instrument, motorized racing vehicle, or other source of sound in any place of public entertainment that exceeds 95 dbA as read on the slow response of a sound level meter at any point normally occupied by a customer, without a conspicuous and legible sign stating: "WARNING! SOUND LEVELS WITHIN MAY CAUSE HEARING IMPAIRMENT."

K. No person shall operate or permit the operation of any air conditioning or air handling equipment in such a manner as to exceed the following sound levels:

MEASUREMENT LOCATION	UNITS MFG. BEFORE 1-1-80 dbA	UNITS MFG. ON OR AFTER 1-1-80 dbA

Any point on neighboring property line, 5 feet above grade level, no closer than 3 feet to any wall	60	55
Center of neighboring patio, 5 feet above grade level, no closer than 3 feet to any wall	55	50
Outside the neighboring living area window nearest the equipment location, not more than 3 feet from the window opening, but at least 3 feet from any other surface	55	50

L. No person shall repair, rebuild, modify or test any motor vehicle, motorboat or aircraft in such a manner as to create a noise disturbance across a residential real property line. Nothing in this section shall be

construed to prohibit the movement of aircraft which are in all respects conducted in accordance with, or pursuant to, applicable federal laws or regulations.

M. No person shall operate or permit the operation of any motor vehicle with a gross vehicle weight rating (GVWR) in excess of ten thousand pounds, or any auxiliary equipment attached to such a vehicle, for a period longer than fifteen minutes in any hour while the vehicle is stationary, for reasons other than traffic congestion, on a public right-of-way or public space within one hundred fifty feet (forty-six meters) of a residentially developed property between the hours of ten p.m. and seven a.m.

(Ord. 757 §1, 1985; Ord. 742 §2, 1985; prior code §5-13-3)

8.20.040 - Special provisions.

A. Emergency Exemption. The provisions of this chapter shall not apply to:
   1. The emission of sound for the purpose of alerting persons to the existence of an emergency threatening life or property, or
   2. The emission of sound in the performance of work necessary to be performed immediately to prevent or correct any emergency threatening life or property.

B. Special Exemption. The provisions of this chapter shall not preclude the construction, operation, maintenance and repairs of equipment, apparatus or facilities of park and recreation departments, public works projects, or essential public services and facilities, including those of public utilities subject to the regulatory jurisdiction of the Public Utilities Commission.

C. Warning Devices. Warning devices necessary for the protection of public safety, including, but not limited to, police, fire and ambulance sirens, and train horns, shall be exempted from the provisions of this chapter when used for warning purposes.

D. Outdoor Activities. The provisions of this chapter shall not apply to occasional outdoor gatherings, public dances, shows and sporting and entertainment events, provided these events are conducted in compliance with all applicable ordinances, statutes, laws and regulations of all governmental agencies.

(Prior code §5-13-4)

CONSTRUCTION NOISE MODELING

Construction Equipment Noise Attenuation Calculations: KBH-02

Attenuation Calculation

	RCNM Reference		Residential to North & South	
Phase	**dBA Leq**	**distance (ft)**	**dBA Leq**	**distance (ft)**
Asphalt/Building Demolition	84.6	50	68	335
On-site Reprocessing /Crush	77.9	50	61	335
Rough Grading	85.0	50	68	335
Utility Trenching	81.9	50	65	335
Paving	83.5	50	67	335
Building Construction	82.8	50	66	335
Architectural Coating	73.7	50	57	335

Attenuation Calculation

	Reference Distance		Residential to East	
Phase	**dBA Leq**	**distance (ft)**	**dBA Leq**	**distance (ft)**
Asphalt/Building Demolition	84.6		66	450
On-site Reprocessing /Crush	77.9		59	450
Rough Grading	85.0		66	450
Utility Trenching	81.9	50	63	450
Paving	83.5		64	450
Building Construction	82.8		64	450
Architectural Coating	73.7		55	450

Attenuation Calculation

	Reference Distance		Potrero School - Northeast	
Phase	**dBA Leq**	**distance (ft)**	**dBA Leq**	**distance (ft)**
Asphalt/Building Demolition	84.6		57	
On-site Reprocessing /Crush	77.9		50	
Rough Grading	85.0		57	
Utility Trenching	81.9	50	54	1200
Paving	83.5		56	
Building Construction	82.8		55	
Architectural Coating	73.7		46	

Attenuation calculated through Inverse Square Law: Lp(R2) = Lp(R1) - 20Log(R2/R1)

KBH-02	VdB		
Equipment	**FTA Reference Vibration Level**	**Residences to north**	**Potrero Intermediate School**
Feet	25	340	1200
Vibratory Roller	**94**	**60**	**44**
Large Bulldozer	**87**	**53**	**37**
Loaded Trucks	**86**	**52**	**36**
Jackhammer	**79**	**45**	**29**
Small Bulldozer	**58**	**24**	**8**

	PPV in/sec	
Equipment	**FTA Reference Vibration Level**	**Residential to north**
Feet	**25 feet**	**20**
Vibratory Roller	0.21	0.004
Large Bulldozer	0.089	0.002
Loaded Trucks	0.076	0.002
Jackhammer	0.035	0.001
Small Bulldozer	0.003	0.000

TRAFFIC NOISE INCREASE CALCULATIONS

KBH-02

Traffic Noise Calculations

Roadway Segment	ADT Volumes				dBA CNEL Increae	
	Existing No Project	Existing Plus Project	Future No Project	Future Plus Project	Project Noise Increase	Cumulative Increase
Rosemead Blvd- Garvey Avenue to Fern Street	53,360	53,901	53,810	54,351	0.0	0.1
Rosemead Blvd - Fern Street to Project Entrance	52,140	52,681	52,780	53,321	0.0	0.1
Rosemead Blvd – Project Entrance to Rush Street	50,240	51,054	50,880	51,694	0.1	0.1
Garvey Ave- Rosemead Boulevard to Chico Avenue	21,980	22,074	22,100	22,194	0.0	0.0
Garvey Ave - east of Chico Avenue	21,840	22,123	22,100	22,383	0.1	0.1
Chico Ave - Garvey Avenue to Fern Street	4,020	4,422	4,020	4,422	0.4	0.4
Chico Ave – Project entrance to Rush Street	4,020	4,149	4,020	4,149	0.1	0.1
Rush Street east of Chico Avenue	11,600	11,789	11,600	11,789	0.1	0.1
Rush Street west of Chico Avenue	12,960	13,019	12,960	13,019	0.0	0.0
Fern Street – Chico avenue to Potrero Avenue	2,370	2,464	2,370	2,464	0.2	0.2
Potrero Ave – Fern Street to Garvey	3,830	3,924	3,830	3,924	0.1	0.1
Potrero Ave – Rush Street to Fern Street	4,030	4,030	4,030	4,030	0.0	0.0
Max Increase	-	-	-	-	0.4	0.4

Appendix I Service Provider Letters

Appendix

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OFFICE OF THE SHERIFF

COUNTY OF LOS ANGELES

HALL OF JUSTICE

ALEX VILLANUEVA, SHERIFF

February 18, 2021

Jasmine Osman, Project Planner
PLACEWORKS
3 MacArthur Place, Suite 1100,
Santa Ana, California 92707

Dear Ms. Osman:

REQUEST FOR SHERIFF'S DEPARTMENT SERVICE INFORMATION IN PREPARATION OF INITIAL STUDY/MITIGATED NEGATIVE DECLARATION STARLITE RESIDENTIAL DEVELOPMENT PROJECT

Thank you for inviting the Los Angeles County Sheriff's Department (Department) to provide information and responses to specific questions to be addressed under California Environmental Quality Act (CEQA) in preparing an Initial Study/Mitigated Negative Declaration (IS/MND), for the Starlite Residential Project (Project). The proposed Project is located on the approximate 11.5-acre former Starlite Drive-In Theater site at 2540 Rosemead Boulevard in the City of South El Monte. The proposed Project involves the development of 206 dwelling units (168 single family homes and 38 multi-family homes) of which maximum ten percent of these units would be affordable. Construction activities for the proposed Project would also include, but are not limited to, excavation and grading.

The proposed Project is located within the service area of the Department's Temple Sheriff's Station (Station). Accordingly, the Station reviewed your request and provided the attached responses (see correspondence dated February 18, 2021, from Captain Mark Reyes).

Should you have any questions regarding this matter, please contact me, at (323) 526-5657, or your staff may contact Ms. Rochelle Campomanes, at (323) 526-5614.

Sincerely,

ALEX VILLANUEVA, SHERIFF

Tracey Jue, Director
Facilities Planning Bureau

COUNTY OF LOS ANGELES

SHERIFF'S DEPARTMENT

"A Tradition of Service Since 1850"

DATE: February 18, 2021
FILE NO:

OFFICE CORRESPONDENCE

FROM: MARK A. REYES, CAPTAIN
TEMPLE STATION

TO: TRACEY JUE, DIRECTOR
FACILITIES PLANNING BUREAU

SUBJECT: RESPONSE TO REQUEST FOR SHERIFF'S DEPARTMENT SERVICE INFORMATION FOR THE PROPOSED STARLITE RESIDENTIAL DEVELOPMENT PROJECT

The Temple Sheriff Station (Station) is providing the following information as a response to a request received from PLACEWORKS, a company who is currently preparing an Initial Study/Mitigated Negative Declaration (IS/MND) for the proposed Starlite Residential Development Project (Project). The approximate 11.5-acre Project site was the former Starlite Drive-in Theater site located at 2540 Rosemead Boulevard in the City of South El Monte. The Project site is within the Station's service area. Upon release of the IS/MND for public review, the Department reserves the right to make modifications to the information should more specific Project details become available and/or circumstances change.

The proposed Project involves the development of 206 dwelling units (168 single family homes and 38 multi-family homes) of which a maximum ten percent of these units would be affordable. Construction activities for the proposed Project would also include, but are not limited to, excavation and grading.

The questionnaire below is formatted to correspond with the format of the request:

1. ***Please confirm the following Station responds to calls from the Project site:***
   a. ***The Los Angeles County Sheriff's Temple Station at 8838 Las Tunas Drive, Temple City, CA 91780***

   The Project site is within the Station's service area. The proposed Project is approximately 3.6 miles from the Station, located at 8838 Las Tunas Drive.

2. ***Please indicate the type of service calls or service demands anticipated by the proposed uses (residential).***

The Station typically receives service calls from the community to report crimes. These crimes are serious crimes which occur with regularity that include forcible rape, robberies, aggravated assaults, burglaries, larceny theft, grand theft autos, and arson.

The Station also enforces other law violations stemming from calls for service and/or observations, such as narcotics violations, vandalism, weapons laws, public disturbances, traffic accidents, vehicle code violations, parking enforcement, and other quality of life issues.

Additionally, the Station provides community services such as organized Neighborhood Watch meetings and youth outreach.

3. ***Given the existing level of staffing and equipment, with the police department be able to provide police services to the proposed Project? If not, please indicate what will be required to serve the Project.***

The Station is currently understaffed. However, assigning additional personnel to the Station to meet an acceptable service ratio will exacerbate due to the current shortage of facility space and supporting equipment. Any expansion of the Station, or construction of new facilities, should not only account for the current shortage, but should also accommodate additional personnel and equipment that will become necessary as our service area continues to experience growth and intensification of land uses.

Further information is required on the anticipated population generated by the new development to determine impacts on law enforcement services.

4. ***What impact will the proposed Project, in combination with all other projects planned in the area, have on the ability of the police department to provide police services in the area?***

The proposed Project will increase employees and resident population of the Station's service area, which will generate an increased demand for law enforcement services we provide. The Station expects the IS/MND to quantify the various population increases, describe potential impacts to our resources and operations, and identify measures that will mitigate these impacts to a level of insignificance.

5. ***What conditions will the police department require or recommend to reduce safety hazards and reduce potential impacts on police services?***

The Department recommends that the general principles of Crime Prevention Thru Environmental Design (CPTED) be implemented during the Project design phase. The goal of CPTED is to reduce opportunities for criminal activities by employing physical design features that discourage anti-social behavior, while encouraging the legitimate use of the site. The overall tenets of CPTED include defensible space, territoriality, surveillance, lighting, landscaping, and physical security. With advanced notice, Station personnel can be available to discuss CPTED with the Project developer.

The Station recommends that an analysis and impacts of the proposed Project to the local transportation and circulation system also be included in the IS/MND. Traffic levels at intersections must be identified, studied and analyzed. Preparation of a Construction Mitigation Plan would also help in reducing impacts to traffic levels. A Construction Traffic Management Plan should also be implemented as part of the proposed Project to address construction-related traffic congestion and emergency access issues. If temporary lane closures are necessary for the installation of utilities, emergency access should be maintained at all times. Flag persons and/or detours should also be provided as needed to ensure safe traffic operations, and construction signs should be posted to advise motorists of reduced construction zone speed limits.

6. ***Please add any comments you may wish to make regarding this matter.***

The Project Applicant will be required to pay all applicable required law enforcement mitigation fees associated with the Project.

From:	Campomanes, Rochelle E.
To:	Jasmine Osman
Subject:	FW: EIR - Starlite Residential Development (RFI) - LASD Review Comment Letter
Date:	Wednesday, May 12, 2021 6:38:23 AM

Good morning Jasmine,

Please see email below.

Thank you,

Rochelle Campomanes, LEED AP
Departmental Facilities Planner I
Facilities Planning Bureau
Tel: 323-526-5614

Los Angeles County
Sheriff's Department

From: Aguilera, Bryan C.
Sent: Tuesday, May 11, 2021 4:04 PM
To: Campomanes, Rochelle E. <RECampom@lasd.org>
Subject: RE: EIR - Starlite Residential Development (RFI) - LASD Review Comment Letter

Hi Rochelle,

The answers are in red below.

Let me know if you need more information.

Thank you!

Bryan

Lieutenant Bryan Aguilera
Contract Law Enforcement Bureau
211 W. Temple Street, 7th Floor
Los Angeles, CA 90012

(213) 229-1639 (office)
(323) 680-0166 (cell)

From: Campomanes, Rochelle E.
Sent: Monday, May 10, 2021 11:29 AM
To: Aguilera, Bryan C. <bcaguile@lasd.org>
Subject: FW: EIR - Starlite Residential Development (RFI) - LASD Review Comment Letter

Good morning Lt. Aguilera,

The Agency has some follow-up questions regarding Starlite Residential Development. Please see email below. It is more about contracts and funding for the law enforcement services. I've attached their EIR review request and our response letter for your use.

Please let me know if you have any comments or questions. Thank you very much.

Rochelle Campomanes, LEED AP
Departmental Facilities Planner I
Facilities Planning Bureau
Tel: 323-526-5614

From: Jasmine Osman [mailto:josman@placeworks.com]
Sent: Monday, May 10, 2021 10:43 AM
To: Campomanes, Rochelle E. <RECampom@lasd.org>
Subject: RE: EIR - Starlite Residential Development (RFI) - LASD Review Comment Letter

Hello Rochelle,

I have some more questions about LASD's services, specifically funding and how the proposed project would contribute to funding.

- How are sheriff facilities and staffing funded?
- Does the City of South El Monte have a contract with LASD? Yes
    - If yes, how often is the contract updated? At least annually
    - How is the contract funded? Through the General Fund? Would the proposed project contribute to the General Fund through property taxes? Funded through the city of South El Monte
    - How would the proposed project pay into funding for the contract? Likely to the City of South El Monte

Thank you,

JASMINE A. OSMAN
Project Planner

323.955.5545 **Ext.** 2608 | josman@placeworks.com | placeworks.com

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From: Campomanes, Rochelle E. <RECampom@lasd.org>
Sent: Monday, March 1, 2021 3:15 PM
To: Jasmine Osman <josman@placeworks.com>
Cc: Wang, Meghan Y. <m2ywang@lasd.org>; Ruiz, Francis R. <FRRuiz@lasd.org>
Subject: RE: EIR - Starlite Residential Development (RFI) - LASD Review Comment Letter

HI Jasmine,

Please see email below for responses in BLUE.

Please let me know if you have any comments or questions. Thank you very much.

Rochelle Campomanes, LEED AP
Departmental Facilities Planner I
Facilities Planning Bureau
Tel: 323-526-5614

Los Angeles County
Sheriff's Department

From: Jasmine Osman [mailto:josman@placeworks.com]
Sent: Wednesday, February 24, 2021 8:13 AM
To: Campomanes, Rochelle E. <RECampom@lasd.org>
Subject: RE: EIR - Starlite Residential Development (RFI) - LASD Review Comment Letter

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Hi Rochelle,

The questions are:

- Can you please provide the officer per capita service standards that you use for planning purposes, so we can estimate the demand?

  The Department does not have a current standard law enforcement service ratio because staffing level needs vary from Station to Station due to criteria such as service call volume and type, patrol and travel time by priority, personnel workload and performance levels, and modeling the flow of calls for service ratio.

  The Station's desired law enforcement service ratio is 1 deputy for every 1,000 residents.

- How many officers currently staff the Temple Sheriff Station?

  The Station's service area encompasses approximately 66 square miles with an estimated resident population of 184,000 persons. The Station is currently staffed by 190 sworn personnel and 48 civilian employees.

- What is the existing equipment at the Station, and what are the specific needs for new equipment?

  The Station has existing patrol vehicles, dispatch equipment, and security cameras. By the end of this year, the Station expects to have their sworn

personnel receive body worn cameras. Currently, the proposed Project would not require any other new equipment except the items mentioned above.

Further information is required on the anticipated population generated by the new development to determine impacts on law enforcement services including equipment and personnel needs.

- What is the response time to the project site?

  The Station's average or anticipated response times for emergent, priority, and routine calls for service received from the proposed Project are 6, 20, and 60 minutes, respectively. (Please note these are approximate time ranges only and could be affected by traffic conditions and these response times are variable because the responding unit may be elsewhere within the Station's service area and not necessarily dispatched from the Station itself.)

- What is the Department's standard for desired response time for emergency and non-emergency calls?

  The Department generally adheres to the following, widely-accepted industry standard among law enforcement agency for responses categorized as emergent, priority, and routine calls for service: 10 minutes, 20 minutes, and 60 minutes, respectively.

Thank you,

JASMINE A. OSMAN
Project Planner

323.955.5545 **Ext.** 2608 | josman@placeworks.com | placeworks.com

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From: Campomanes, Rochelle E. <RECampom@lasd.org>
Sent: Wednesday, February 24, 2021 8:03 AM
To: Jasmine Osman <josman@placeworks.com>
Subject: RE: EIR - Starlite Residential Development (RFI) - LASD Review Comment Letter

Hi Jasmine,

You can email them to me.

Thanks,
Rochelle Campomanes, LED AP
Departmental Facilities Planner I
Facilities Planning Bureau

Tel: 323-526-5614

From: Jasmine Osman [mailto:josman@placeworks.com]
Sent: Wednesday, February 24, 2021 8:01 AM
To: Campomanes, Rochelle E. <RECampom@lasd.org>
Subject: RE: EIR - Starlite Residential Development (RFI) - LASD Review Comment Letter

Good morning,

I have some follow up questions which I believe would be easier to email. Should I send my questions to you, or Tracey Jue? If Tracey Jue, could I please get her email address?

Thank you very much.

Sincerely,

JASMINE A. OSMAN
Project Planner

323.955.5545 **Ext.** 2608 | josman@placeworks.com | placeworks.com

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From: Campomanes, Rochelle E. <RECampom@lasd.org>
Sent: Thursday, February 18, 2021 3:29 PM
To: Jasmine Osman <josman@placeworks.com>
Cc: Wang, Meghan Y. <m2ywang@lasd.org>
Subject: EIR - Starlite Residential Development (RFI) - LASD Review Comment Letter

Importance: High

Dear Ms. Osman,

Please find the attached file for the project mentioned above. These are the LASD review comments on the proposed Project.

Please let me know if you have any comments or questions. Thank you very much.

Rochelle Campomanes, LEED AP
Departmental Facilities Planner I
Facilities Planning Bureau
Tel: 323-526-5614

Los Angeles County
Sheriff's Department

From: Jasmine Osman [mailto:josman@placeworks.com]
Sent: Thursday, February 11, 2021 7:18 AM
To: Campomanes, Rochelle E. <RECampom@lasd.org>
Subject: RE: EIR - Starlite Residential Development (RFI)

Good morning,

Thank you for your email. You can either email the response to the questionnaire to me (josman@placeworks.com) or you can mail it to:

3 MacArthur Place, Suite 1100 | Santa Ana, California 92707

Thank you,

JASMINE A. OSMAN
Project Planner

323.955.5545 **Ext.** 2608 | josman@placeworks.com | placeworks.com

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From: Campomanes, Rochelle E. <RECampom@lasd.org>
Sent: Thursday, February 11, 2021 6:58 AM
To: Jasmine Osman <josman@placeworks.com>
Subject: EIR - Starlite Residential Development (RFI)

Good morning Jasmine,

FPB received your request for the proposed Starlite Residential Development Police Questionnaire sent by the Station via email yesterday. The Station scanned the request and the mailing address have faded away. Please send me your mailing address.

We will try to send our review comments by your deadline this time. Please note that we typically require 30 days to review any environmental documents received by LASD.

Also, for future reference, the Department provides the following updated address and contact information for all requests for review comments, law enforcement service information, California Environmental Quality Act documents, and other related correspondence:

Tracey Jue, Director
Facilities Planning Bureau
Los Angeles County Sheriff's Department
211 West Temple Street
Los Angeles, California 90012

Attention: Planning Section

Thanks,
Rochelle Campomanes, LEED AP
Departmental Facilities Planner I
Facilities Planning Bureau
Tel: 323-526-5614

Los Angeles County Sheriff's Department

error, and immediately destroy this message, including any attachments. Thank you in advance for your cooperation.

COUNTY OF LOS ANGELES FIRE DEPARTMENT
FIRE PREVENTION DIVISION

Land Development Unit
5823 Rickenbacker Road
Commerce, CA 90040
Telephone (323) 890-4243, Fax (323) 890-9783

PROJECT: VTTM 83399 - FLDU 2021005466 CITY: South El Monte

THE FIRE DEPARTMENT RECOMMENDS CLEARANCE OF THIS PROJECT TO PROCEED TO PUBLIC HEARING AS PRESENTLY SUBMITTED WITH THE FOLLOWING CONDITIONS OF APPROVAL.

FAILURE TO COMPLY WITH THE FINAL MAP SUBMITTAL AND REVIEW PRIOR TO RECORDATION, MAY RESULT IN THE BUILDING PLANS NOT BEING APPROVED DURING THE FIRE DEPARTMENT FIRE PREVENTION ENGINEERING SECTION BUILDING PLAN REVIEW.

FINAL MAP REQUIREMENTS

Access as noted on the Tentative and the Exhibit Maps shall comply with Title 21 (County of Los Angeles Subdivision Code) and Section 503 of the Title 32 (County of Los Angeles Fire Code), which requires an all-weather access surface to be clear to sky.

The Private Driveways proposed as private streets for access throughout the development shall be labeled as "Private Driveway" on the Final Map. The portion of the private driveway intended for fire apparatus access shall be identified as "Fire Lane" on the Final Map. All widths and dimensions shall be clearly delineated with a reciprocal access agreement is required for all private driveways. Compliance required prior to Final Map clearance.

Fire hydrant improvement plans shall be submitted to the Land Development unit for review and approval prior to the Final Map clearance.

Submit a complete gate detail prior to the Final Map clearance.

CONDITIONS OF APPROVAL – ACCESS

Verification for compliance will be performed during the architectural plan review prior to building permit issuance.

1. All on-site Fire Department vehicular access roads shall be labeled as "Private Driveway and Fire Lane" on the site plan along with the widths clearly depicted

on the plan. Labeling is necessary to assure the access availability for Fire Department use. The designation allows for appropriate signage prohibiting parking.

2. Fire Department vehicular access roads must be installed and maintained in a serviceable manner prior to and during the time of construction. Fire Code 501.4

3. All fire lanes shall be clear of all encroachments and shall be maintained in accordance with the Title 32, County of Los Angeles Fire Code.

5. The Fire Apparatus Access Roads and designated fire lanes shall be measured from flow line to flow line.

6. Attached Units: Provide a minimum unobstructed width of 26 feet, exclusive of shoulders, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance “clear to sky” Fire Department vehicular access to within 150 feet of all portions of the exterior walls of the first story of the building, as measured by an approved route around the exterior of the building. Fire Code 503.1.1 & 503.2.2

7. Detached Units: Provide a minimum unobstructed width of 20 feet, exclusive of shoulders, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance “clear to sky” Fire Department vehicular access to within 150 feet of all portions of the exterior walls of the first story of the building, as measured by an approved route around the exterior of the building. Fire Code 503.1.1 & 503.2.1.

7. A minimum 5-foot-wide approved firefighter access walkway leading from the fire department access road to all required openings in the building's exterior walls shall be provided for firefighting and rescue purposes. Fire Code 504.1

WATER SYSTEMS REQUIREMENTS

1. All fire hydrants shall measure 6”x 4"x 2-1/2" brass or bronze, conforming to current AWWA standard C503 or approved equal, and shall be installed in accordance with the 2017 County of Los Angeles Fire Code, Table B105.1 .

2. The required fire flow for the public fire hydrants for this project is 2000 gpm at 20 psi residual pressure for 2 hours. Two public fire hydrant(s) flowing simultaneously may be used to achieve the required fire flow. Fire Code 507.3 & Appendix B105.1

3. Install three (3) new public fire hydrants. (as shown on the map as proposed by the applicant).

4. Install eight (8) private-on site fire hydrants. (as shown on the map as proposed by the applicant)

5. All private on-site fire hydrants shall be installed a minimum of 25' feet from a structure or protected by a two (2) hour rated firewall. Exception: For fully sprinkled multi-family structures, on-site hydrants may be installed a minimum of 10 feet from the structure. Indicate compliance prior to project proceeding to the public hearing process. Fire Code Appendix C106.1

6. Plans showing underground piping for private on-site fire hydrants shall be submitted to the Sprinkler Plan Check Unit for review and approval prior to installation. Fire Code 901.2 & County of Los Angeles Fire Department Regulation 7

7. All required public fire hydrants shall be installed, tested and accepted prior to construction.

8. An approved automatic fire sprinkler system is required for the proposed buildings within this development. Submit design plans to the Fire Department Sprinkler Plan Check Unit for review and approval prior to installation.

Additional Fire Department requirements will be determined during the Building Plan Check Phase.

For any questions regarding the report, please contact FPEA Claudia Soiza at (323) 890-4243 or at Claudia.Soiza@fire.lacounty.gov

Reviewed by: Claudia Soiza Date: June 16, 2021